The Journal of ENGINEERING EDUCATION

February 15, 1959 *Table of Contents* Vol. 49, No. 6

Engineering Enrollments and Degrees in ECPD-Accredited Institutions: 1958 — Justin C. Lewis, Henry H. Armsby 482

ASEE Audit Report for the Year Ended June 30, 1958 — Filbey, Andrews & Filbey 499

ASEE Yearbook

Organization of the Society 504
Officers and Council Members 505
Engineering College Research Council 507
Engineering College Administrative Council 509
Society Committees, 1958–59 511
Officers of Divisions, 1958–59 513
Officers of Sections, 1958–59 517
Officers of Branches 519
Representatives of the Society to Other Organizations 520
Geographical Listing of Active and Affiliate Institutional Members, by Sections 522

Society Records

Past Officers and Council Members 524
Awards and Recipients 528
Annual Meetings of the ASEE 531
Engineering Summer Schools, 1927–59 533
Constitution and By-Laws 534
By-Laws, Engineering College Research Council 543
By-Laws, Engineering College Administrative Council 546

Membership Directory

Institutional 1
Individual—Alphabetical 16
Individual—Geographical 171
Individual—Occupational 250
Supplementary List of New Members 311
Summary of Membership Totals, 1893–1959 313
ASEE Reports and Reprints 314

Notes

Salary Report Released by EJC 485
Wendt on National Research Council 503
Research Participation Opportunities Outlined in New Brochure 508
Building Plans for ORINS 508
ASEE–AEC Summer Institutes 510
IRE Fellow Awards for 1959 521
ASEE Lapel Emblems 523
Materials Engineering Design Short Course Proceedings 532
ASEE Annual Meeting, Pittsburgh, June 15–19, 1959 542
Use of Directory Data 547
Section Meetings 548

ENGINEERING ENROLLMENTS AND DEGREES IN ECPD-ACCREDITED INSTITUTIONS: 1958

JUSTIN C. LEWIS, HENRY H. ARMSBY

Mr. Lewis is Head, Higher Education Statistics Unit, Educational Statistics Branch, Office of Education, U. S. Department of Health, Education, and Welfare. Dr. Armsby is Chief for Engineering Education, Division of Higher Education. The authors would like to acknowledge their indebtedness to Leah W. Ramsey and Geraldine Scott for collection and verification of data and for preparation of the statistical tables, under the supervision of Mabel C. Rice.

The term "ECPD-Accredited Institutions" refers to those institutions in which one or more engineering curricula are accredited by the Engineers' Council for Professional Development. Engineering enrollment and degree data for *all* institutions listed in the Office of Education Directory of Higher Education which grant engineering degrees, including those accredited by the ECPD, will be published in the near future by the U. S. Office of Education (*Circular No. 555, Engineering Enrollments and Degrees: 1958*).

Summary

For the first time in seven years, total engineering enrollment in ECPD-accredited institutions in the United States and its outlying parts declined from the previous year. The total engineering enrollment reported in the fall of 1958 was 249,950; this was 3.0% below the total reported in the fall of 1957. The drop in total engineering enrollment was the result of a decline in *undergraduate* engineering enrollment. The undergraduate enrollment for ECPD institutions in the fall of 1958 (217,732) was 5.2% below last year's undergraduate enrollment. The drop in *freshman* enrollment was particularly sharp—11.8%. Engineering enrollment for advanced degrees continued to rise to new peaks at all levels. ECPD institutions reported enrollments of 27,151 for the master's degree, 305 for other postgraduate pre-doctoral degrees and 4,762 for the doctor's degree.

Both total male enrollment and total female enrollment in enginering in ECPD-accredited institutions dropped. Part-time and evening students accounted for a larger proportion of total undergraduate engineering enrollment than in previous years. At both the master's and doctor's degree levels, evening student enrollment accounted for a smaller proportion of enrollments this year than last year.

With respect to engineering degrees awarded in 1957–58, a rise was registered at all levels. In this year, 31,216 first-level engineering degrees were awarded by ECPD institutions. At other levels the numbers reported were: master's degrees, 5,632; other postgraduate pre-doctoral degrees, 119; and doctor's degrees, 647. In 1957–58, more degrees were awarded at each level in the field of electrical engineering than in any other engineering field.

Total Engineering Enrollment

Total engineering enrollment in the United States and its outlying parts in the 153 institutions accredited by the Engineers' Council for Professional Development declined from 257,777 in the fall of 1957 to 249,950 in the fall of 1958. This was the first time in seven years that a drop occurred. The decline is all the more significant

since degree-credit ("opening fall") enrollment in all fields rose 6.2% since 1957, while total engineering enrollment in ECPD institutions fell 3.0%. For several years prior to 1958, engineering enrollment in ECPD-accredited institutions had been rising more rapidly than total degree-credit enrollments. As a result, engineering enrollment in ECPD institutions had risen from 7.0% of all degree-credit enrollment in the United States and its outlying parts in 1951 to 8.4% in 1957. In the fall of 1958, engineering enrollment in ECPD institutions accounted for only 7.7% of all degree-credit enrollment.

Undergraduate Enrollment

Undergraduate enrollment for the ECPD-accredited institutions totalled 217,732 in the fall of 1958—5.2% below 1957. This drop represented a reversal of a rising trend during the previous six years. Freshman engineering students totalled 59,164, which is 11.8% less than in 1957, and constitutes a reversal of a previously continuous rise for seven years. Some portent of this decline occurred last year when freshman enrollment rose only 1.0% after considerably larger per cent increases in preceding years. Freshman engineering students in ECPD-accredited institutions accounted for 7.6% of all first-time degree-credit students in the fall of 1958 (9.2% in 1957, 9.2% in 1956 and 9.1% in 1955).

Second-year enrollment (45,394) was 6.1% below last year. Third-year enrollment (40,776) was 4.1% less than last year. Undergraduate enrollments above this level exceeded the enrollments reported for 1957.

The trend toward larger proportions of undergraduate engineering students studying in part-time and evening courses continues. In the fall of 1958, 13.5% of all undergraduate engineers in ECPD institutions were enrolled as part-time and evening students; comparable proportions for previous years were 13.3% in 1957, and 12.0% in 1956.

Enrollment for Advanced Degrees

In the fall of 1958, ECPD-accredited institutions reported that 32,218 students were enrolled for advanced degrees in engineering. The 27,456 enrolled for the master's degree [1] (reported in ECPD-accredited institutions) represented a new peak. The 14.7% increase from the previous year for this group was considerably larger than the increase between 1956 and 1957 (7.6%). The evening student enrollment for the master's degree represented 45.8% of the total engineering enrollment for the master's degree (including other pre-doctoral students); last year, evening students represented 46.8% of the total.

ENROLLMENT OF ENGINEERING STUDENTS IN ECPD-ACCREDITED INSTITUTIONS, FALL 1957 AND 1958

Level	1957	1958	Per Cent Change
ALL LEVELS	257,777	249,950	−3.0
Undergraduate	229,656	217,732	−5.2
Freshmen	67,071	59,164	−11.8
Enrolled for master's degree*	23,941	27,456	+14.7
Enrolled for doctor's degree	4,180	4,762	+13.9

* Includes other pre-doctoral

Enrollments for the doctor's degree also reached a new high—4,762. This was 13.9% higher than 1957; 1957 was 22.9% higher than 1956. Evening student enrollment at the doctor's degree level made up 15.0% of the total engineering enrollment for the doctor's degree; last year, evening students represented 16.5% of the doctoral candidates.

Enrollment of Men and Women

Male engineering students continue to comprise over 99% of all engineer-

[1] Including 305 other pre-doctoral students.

ing students in ECPD-accredited institutions. A slowly rising trend has characterized female engineering enrollments, but this trend was halted in 1958. While the number of male engineering students declined 3.0% since 1957, female engineering enrollment declined 3.7%.

The 248,421 male engineering students in ECPD-accredited institutions accounted for 11.8% of all male degree-credit enrollment in the fall of 1958. Comparable figures for other recent years were: 12.8% in 1957, 12.5% in 1956, and 12.1% in 1955.

First-Level Degrees

In spite of the fact that the number of first-level engineering degrees awarded has increased for four consecutive years, the post-World War II peak has not been attained. In the 1957–58 academic year, 31,216 first-level engineering degrees were awarded by the 153 ECPD-accredited institutions. First-level engineering degrees awarded in ECPD institutions in 1957–58 constituted 8% of the estimated total first-level degrees in the United States in all fields. First-level engineering degrees awarded to male students accounted for 12% of the estimated number of first-level degrees awarded to men in all fields.

Advanced Degrees

Both the number of master's and the number of doctor's degrees awarded in ECPD-accredited institutions reached record highs in the 1957–58 academic year. The 5,751 [2] master's degrees in engineering in these institutions comprised 8% of the estimated total number of master's degrees conferred in all fields in the United States in 1957–58; considering men students only, master's degrees in engineering constituted 12% of all master's degrees. The 647 doctor's degrees comprised 8% of the estimated total number of doctor's degrees; again considering men students only, doctor's degrees constituted 8% of all doctor's degrees.

Major Fields of Degrees

Over half of the first-level degrees in engineering in 1957–58 were awarded to students in electrical engineering (27.9%) and mechanical engineering (25.2%). Civil engineering ranked third (15.0%)—somewhat further behind the first two than it has been in recent years.

At the master's level, 27.1% of the degrees were in the field of electrical engineering; next in rank came mechanical engineering (16.5%), and civil engineering (14.1%). Postgraduate pre-doctoral degrees were awarded most frequently in electrical engineering (28.6%), and in the field designated as naval architecture and marine engineering (20.2%).

Electrical engineering also ranked first among doctor's degrees, accounting for 22.3%. Chemical engineering accounted for 19.6% at this level, mechanical engineering for 11.7%.

Notes

The data contained in this report are based on a survey of engineering schools and colleges made in October 1958, under the joint sponsorship of the U. S. Office of Education (USOE) and the American Society for Engineering Education (ASEE). In accordance with an agreement reached by a joint committee of the USOE and ASEE, all institutions listed in the Office of Education Directory of Higher Education [3] which reported the conferral of degrees in engineering dur-

[2] Includes 119 other postgraduate pre-doctoral degrees.

[3] *Education Directory, 1957–58, Part III, Higher Education* (U. S. Office of Education).

ing 1957–58[4] were requested to furnish data. Ten Canadian institutions were also invited to participate in the study. This survey collected enrollment and degree data for all institutions accredited by the ECPD, 73 other United States institutions (three of which offer postgraduate training only), and 10 Canadian institutions.

As proposed by the joint ASEE–USOE Committee, and approved by the ASEE General Council, the detailed statistical tables in this report, which follow the present text, list individually only those institutions (eligible for active institutional membership in ASEE) in which at least one curriculum has been accredited by ECPD; but the tables contain summary totals for other engineering schools in the United States, and also for Canadian institutions.

Requests for the data upon which this report is based were directed to the registrars of the institutions concerned. The Office of Education appreciates the splendid cooperation of these officials, as reflected by a 100% response.

Period covered: Engineering schools were asked to report student enrollment as of October 1, 1958. A few institutions, because of late openings, were unable to report before November. Degree data are for the period July 1, 1957 to June 30, 1958.

Undergraduate students: Institutions were requested to report by class level only those students enrolled definitely as candidates for an engineering degree.

Graduate students: Institutions were requested to report "all students who have been admitted to formal graduate standing and are enrolled in graduate courses, regardless of the number of credit hours carried by the student, and regardless of whether the student's work is administered by the engineering college or the graduate school."

[4] *Earned Degrees Conferred in Higher Educational Institutions, 1957–58* (to be published in the near future, U. S. Office of Education).

SALARY REPORT RELEASED BY EJC

The most comprehensive report on salaries of engineers ever published in the U. S. was issued by Engineers Joint Council in December, according to Mr. D. S. Bridgman, Chairman of the EJC Surveys Committee. Based on a survey conducted by the Engineering Manpower Commission of EJC, the study presents salary structures of close to 800 companies and government organizations, grouped by principal product or service. The breakdown includes some twenty industrial activities as well as municipal, state and federal government. Data on over 5,000 engineering faculty members are featured. Special tables are presented on engineers with Master and Doctorate degrees.

The data were derived from the largest sample ever studied including some 150,000 engineers in all activities. EJC is now accepting orders for mailing of full report including tables and charts. Price is $3.00 a copy, quantity discounts on request.

TABLE I

Engineering Enrollments and Degrees in ECPD-Accredited Institutions 1949–1958

(For United States and outlying parts)

Year	Number Enrolled for Their First Engineering Degree (Fall)							No. of First Eng'g Degrees Conferred
	Freshman	Sophomore	Junior	Senior	5th Year	Part Time and Evening	Total	
1949	36,508	35,648	41,695	50,991	2,326	13,478	180,646	41,793 (1948–49)
1950	29,394	27,242	30,957	37,707	3,150	14,504	142,954	48,160 (1949–50)
1951	34,147	23,408	24,757	27,820	2,946	15,289	128,367	37,904 (1950–51)
1952	45,854	26,636	22,369	23,453	2,563	17,295	138,170	27,155 (1951–52)
1953	52,482	32,953	23,975	21,730	2,396	16,890	150,426	21,642 (1952–53)
1954	55,531	38,345	28,699	22,677	2,323	19,528	167,103	19,707 (1953–54)
1955	61,141	43,775	34,696	27,869	2,323	20,551	190,355	20,200 (1954–55)
1956	66,409	48,423	39,578	33,646	2,686	26,021	216,763	23,547 (1955–56)
1957	67,071	48,343	42,513	38,063	3,208	30,458	229,656	27,748 (1956–57)
1958	59,164	45,394	40,776	39,546	3,442	29,410	217,732	31,216 (1957–58)

Year	Number Enrolled in Work for the Master's Degree[1]			No. of Master's Degrees Conferred[1]	Number Enrolled in Work for the Doctor's Degree			No. of Doctor's Degrees Conferred
	Day Students, Full and Part Time	Evening	Total		Day Students, Full and Part Time	Evening	Total	
1949	10,333	4,746	15,079	4,783 (1948–49)	2,386	155	2,541	417 (1948–49)
1950	8,150	7,425	15,575	4,865 (1949–50)	2,342	453	2,795	492 (1949–50)
1951	6,878	9,574	16,452	5,134 (1950–51)	2,419	456	2,875	586 (1950–51)
1952	7,422	9,996	17,418	4,132 (1951–52)	2,261	669	2,930	586 (1951–52)
1953	8,084	10,321	18,405	3,726 (1952–53)	2,298	703	3,001	592 (1952–53)
1954	8,296	8,776	17,072	4,130 (1953–54)	2,483	796	3,279	590 (1953–54)
1955	9,439	8,968	18,407	4,444 (1954–55)	2,653	508	3,161	599 (1954–55)
1956	11,135	11,107	22,242	4,678 (1955–56)	2,872	528	3,400	610 (1955–56)
1957	12,733	11,208	23,941	5,203 (1956–57)	3,490	690	4,180	596 (1956–57)
1958	14,888	12,568	27,456	5,751 (1957–58)	4,048	714	4,762	647 (1957–58)

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Total degree-credit enrollment in U. S.*	2,456,000	2,297,000	2,116,000	2,148,000	2,251,000	2,499,750	2,678,623	2,946,985	3,068,417	3,258,556
Engineering enrollment in U. S.**	198,266	161,324	147,694	158,518	171,832	187,454	211,923	242,405	257,777	249,950
Per cent engineering to total	8.1%	7.0%	7.0%	7.4%	7.6%	7.5%	7.9%	8.2%	8.4%	7.7%

[1] Includes other pre-doctoral.
* Includes outlying parts.
** Only in ECPD accredited institutions; including outlying parts.

TABLE II

Summary of Undergraduate Enrollments and Bachelor's or First Professional Degrees in Engineering in the United States, Outlying Parts, and Canada, by Curriculum: 1958

Engineering Curriculum[1]										
Per cent engineering to total	8.1%	7.0%	7.0%	7.4%	7.6%	7.5%	7.9%	8.2%	8.4%	7.7%

[1] Includes other pre-doctoral.
* Includes outlying parts.
** Only in ECPD accredited institutions; including outlying parts.

TABLE II

Summary of Undergraduate Enrollments and Bachelor's or First Professional Degrees in Engineering in the United States, Outlying Parts, and Canada, by Curriculum: 1958

Engineering Curriculum[1]	No. of Schools[2]	No. of First Eng'g Degrees Conferred 1957–58		Number Enrolled for Their First Engineering Degree: Fall 1958									
				Total		1st Yr.	2nd Yr.	3rd Yr.	4th Yr.	5th Yr. of 5-Yr. Curriculum	5th Yr. of Co-operative Program	Part-Time and Special Day Students	Evening Students
		Men	Women	Men	Women								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Schools accredited by ECPD:													
Aeronautical	51	1,181	7	8,282	43	2,284	2,019	1,748	1,639	95	55	121	364
Agricultural	43	359	—	1,872	4	512	407	422	497	30	—	8	—
Architectural	25	248	2	1,613	25	441	324	337	369	71	25	4	67
Ceramic	14	152	7	798	25	173	229	199	207	5	—	10	—
Chemical	115	2,899	21	18,193	258	5,188	4,381	3,818	3,544	183	210	114	1,013
Civil	140	4,660	13	25,364	127	5,740	5,793	5,797	5,794	206	222	299	1,640
Electrical	145	8,693	19	55,950	210	11,474	12,979	12,364	11,480	369	618	981	5,895
Engineering Mechanics	4	9	—	99	2	1	37	33	30	—	—	—	—
Engineering Physics	24	290	5	2,037	25	476	567	479	413	42	—	16	69
General Engineering	26	678	5	3,897	30	1,265	659	851	758	6	—	79	309
Geological	24	225	—	1,028	6	190	278	233	325	5	—	3	—
Geophysical	3	27	—	153	2	28	49	40	38	—	—	—	—
Industrial[3]	71	1,780	3	7,442	32	833	1,379	1,915	2,280	125	52	126	764
Mechanical	139	7,842	17	43,835	137	8,518	9,563	9,875	9,352	476	511	584	5,093
Metallurgical	49	662	—	3,271	16	569	739	731	783	22	29	39	375
Mining	29	220	—	1,013	2	219	244	252	261	14	—	9	16
Naval Arch. & Marine	4	48	—	165	3	24	48	51	45	—	—	—	—
Petroleum	25	679	1	3,544	10	676	675	760	1,025	17	—	25	376
Sanitary	4	4	—	57	—	2	1	21	23	9	—	1	—
Textile	5	80	1	324	2	71	95	63	93	—	—	3	1
Unclassified	101	5	—	34,681	386	19,990	4,221	161	71	15	2	1,463	9,144
Other[1]	37	372	2	2,718	51	490	707	626	519	13	15	49	350
Total ECPD	153	31,113	103	216,336	1,396	59,164	45,394	40,776	39,546	1,703	1,739	3,934	25,476
Other U. S. Schools	70	4,110	6	38,860	187	10,865	8,063	6,422	4,887	283	406	810	7,311
All U. S. Schools	223	35,223	109	255,196	1,583	70,029	53,457	47,198	44,433	1,986	2,145	4,744	32,787
Canadian Schools	10	1,615	7	10,070	43	2,990	2,610	2,014	1,963	398	—	81	57
Grand Total——— (U. S. and Canada)	233	36,838	116	265,266	1,626	73,019	56,067	49,212	46,396	2,384	2,145	4,825	32,844

[1] All curricula accredited prior to 1958 by ECPD in one or more institutions are listed by specific title; curricula which were not then accredited by ECPD at any institution are included under "Other."
[2] This refers to the number of schools offering given curriculum. Such curriculum may or may not be specifically approved by ECPD.
[3] Includes administrative engineering, management engineering, etc.

TABLE III

UNDERGRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND FIRST ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Institution	No. of First Eng'g Degrees Conferred 1957–58		Number Enrolled for Their First Engineering Degree: Fall 1958									
			Total		1st Yr.	2nd Yr.	3rd Yr.	4th Yr.	5th Yr. of 5-Yr. Curriculum	5th Yr. of Co-operative Program	Part-Time and Special Day Students	Evening Students
	Men	Women	Men	Women								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECPD accredited schools:												
Alabama												
Ala. Poly.	432	1	1,954	11	474	511	575	405	—	—	—	—
Univ. Ala.	172	—	2,449	26	472	337	290	214	—	—	5	1,157
Arizona												
Univ. Ariz.	248	—	1,774	10	514	436	379	326	—	—	40	89
Arkansas												
Univ. Ark.	184	2	1,207	9	313	288	309	295	—	—	11	—
California												
Calif. Inst. Tech.	63	—	180	—	—	45	63	72	—	—	—	—
Stanford	258	1	1,158	11	340	193	315	321	—	—	—	—
U. S. Naval PG Sch.	86	—	445	—	—	—	205	240	—	—	—	—
Univ. Calif.	(861)	(4)	(2,676)	(21)	(483)	(422)	(799)	(988)	—	—	(5)	—
Berkeley	557	2	[1]	[1]	[1]	[1]	[1]	[1]	—	—	[1]	—
Davis	—	—	[1]	[1]	[1]	[1]	[1]	[1]	—	—	[1]	—
Los Angeles	304	2	897	11	169	117	322	300	—	—	—	—
Univ. Santa Clara	49	—	311	—	85	76	91	56	—	—	3	—
Univ. Sou. Calif.	305	1	1,256	15	99	95	246	303	—	—	202	326
Colorado												
Colo. School of Mines	173	—	1,002	8	325	287	198	200	—	—	—	—
Colo. St. Univ.	65	—	699	5	257	145	156	146	—	—	—	—
Univ. Colo.	381	5	3,464	21	563	508	528	480	61	—	5	1,340
Univ. Denver	43	—	368	1	106	80	78	60	—	5	28	12
Connecticut												
Univ. Conn.	143	—	1,351	9	569	364	202	225	—	—	—	—
Yale Univ.	156	—	499	—	—	181	155	149	13	—	1	—
Delaware												
Univ. Delaware	79	1	557	8	230	125	129	77	—	—	4	—
Florida												
Univ. Florida	365	2	2,561	7	940	700	349	336	224	19	—	—
Georgia												
Ga. Inst. of Tech.	657	1	3,648	21	1,386	915	601	758	—	—	9	—
Idaho												
Univ. Idaho	125	—	865	3	312	189	172	195	—	—	—	—
Illinois												
Bradley	92	—	852	8	300	143	129	133	—	—	34	121
Ill. Inst. Tech.	391	—	5,698	157	317	297	386	341	—	—	—	4,514
Northwestern Univ.	124	—	934	12	227	194	146	137	—	139	18	85
Univ. Ill.	816	—	5,464	29	1,984	1,171	1,070	1,188	40	—	40	—

TABLE III—*Continued*

Illinois												
Bradley	92	—	852	8	300	143	129	133	—	—	34	121
Ill. Inst. Tech.	391	—	5,698	157	317	297	386	341	—	—	—	4,514
Northwestern Univ.	124	—	934	12	227	194	146	137	—	139	18	85
Univ. Ill.	816	—	5,464	29	1,984	1,171	1,070	1,188	40	—	40	—

TABLE III—*Continued*

UNDERGRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND FIRST ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Indiana												
Notre Dame	273	—	1,181	—	330	324	274	253	—	—	—	—
Purdue	1,008	4	6,129	57	2,256	1,562	711	1,267	—	—	390	—
Rose Poly.	82	—	388	—	142	85	88	73	—	—	—	—
Valparaiso	74	2	416	3	169	95	70	73	2	—	10	—
Iowa												
Iowa St. Col. of A. & M. Arts	488	3	2,981	17	1,032	664	676	617	—	—	9	—
St. Univ. Iowa	139	—	707	3	173	131	176	230	—	—	—	—
Kansas												
Kan. St. Col. of Ag. & Ap. Sci.	299	—	1,691	8	414	425	405	422	—	—	33	—
Mun. Univ. Wichita	56	—	1,841	9	466	313	266	182	—	—	306	317
Univ. Kan.	257	1	1,888	15	458	378	514	543	—	—	10	—
Kentucky												
Univ. Ky.	260	—	1,848	14	789	460	275	238	—	—	82	18
Univ. Louisville	88	—	647	4	191	148	110	113	—	87	2	—
Louisiana												
La. Poly.	94	—	1,066	1	415	265	177	209	—	—	1	—
La. St. Univ. & A. & M. Col.	290	—	1,268	9	—	371	478	428	—	—	—	—
S. W. La. Inst.	76	1	862	5	321	214	168	162	—	—	2	—
Tulane	69	—	480	6	187	118	88	80	—	—	13	—
Maine												
Univ. Maine	182	—	1,221	7	382	313	266	241	20	—	6	—
Maryland												
Johns Hopkins Univ.	141	—	1,268	—	151	143	115	88	—	—	3	768
Univ. Md.	167	1	1,831	18	704	545	270	215	—	—	115	—
Massachusetts												
Harvard	52	—	127	—	—	50	31	40	6	—	—	—
Lowell Tech. Inst.	80	1	1,428	16	—	197	160	142	—	—	8	937
Mass. Inst. Tech.	614	6	2,282	11	526	526	599	642	—	—	—	—
Northeastern Univ.	415	3	2,845	29	810	643	491	469	—	461	—	—
Tufts Univ.	114	1	589	5	177	153	133	131	—	—	—	—
Univ. Mass.	151	2	980	5	300	207	168	203	—	—	107	—
Worcester Poly. Inst.	172	—	983	—	293	243	231	216	—	—	—	—
Michigan												
Mich. Col. M. & Tech.	362	1	2,248	13	642	639	532	439	9	—	—	—
Mich. St. Univ.	336	—	1,769	20	548	419	450	348	—	—	3	21
Univ. Detroit	195	1	2,123	9	404	277	319	263	—	235	12	622
Univ. Mich.	539	5	3,263	55	800	1,051	699	702	—	—	66	—
Wayne St. Univ.	144	1	1,828	10	381	259	222	227	—	—	749	—
Minnesota												
Univ. Minn.	463	—	3,134	9	743	563	674	616	453	—	94	—
Mississippi												
Miss. St. Col.	186	—	1,699	4	557	458	372	316	—	—	—	—
Univ. Miss.	32	—	353	1	105	88	93	68	—	—	—	—
Missouri												
Mo. School of Mines	354	—	2,561	7	674	530	752	612	—	—	—	—
Univ. Mo.	243	—	1,409	12	425	329	339	319	—	—	9	—
St. Louis Univ.	127	—	718	3	232	182	130	149	—	—	16	12
Wash. Univ. (St. L.)	174	2	1,336	11	264	255	276	267	—	—	—	285

TABLE III—*Continued*

UNDERGRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND FIRST ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Institution	No. of First Eng'g Degrees Conferred 1957–58		Number Enrolled for Their First Engineering Degree: Fall 1958									
			Total		1st Yr.	2nd Yr.	3rd Yr.	4th Yr.	5th Yr. of 5-Yr. Curriculum	5th Yr. of Co-operative Program	Part-Time and Special Day Students	Evening Students
	Men	Women	Men	Women								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Montana												
Mont. School of Mines	38	—	214	3	92	61	30	34	—	—	—	—
Mont. St. Col.	139	1	1,073	1	424	281	143	226	—	—	—	—
Nebraska												
Univ. Nebr.	220	—	1,243	6	394	357	269	229	—	—	—	—
Nevada												
Univ. Nevada	50	—	525	6	208	108	129	86	—	—	—	—
New Hampshire												
Dartmouth College	28	—	437	—	153	170	45	42	27	—	—	—
Univ. New Hamp.	103	—	622	2	214	137	137	129	—	—	7	—
New Jersey												
Newark Col. of Engineering	400	1	2,774	25	415	417	378	282	—	—	4	1,303
Princeton	124	—	494	—	162	128	111	93	—	—	—	—
Rutgers, The State Univ.	97	3	740	7	311	187	137	104	—	—	8	—
Stevens Inst. of Tech.	167	—	910	—	261	223	234	192	—	—	—	—
New Mexico												
N. Mex. Col. A. & M. Arts	116	—	1,268	9	285	203	181	172	—	—	436	—
Univ. N. Mex.	105	—	1,107	5	562	194	218	138	—	—	—	—
New York												
Alfred	43	3	302	10	89	84	53	77	—	—	9	—
City Col., The City of N. Y.	550	4	5,225	40	1,509	944	752	708	—	—	—	1,352
Clarkson Col. of Tech.	176	—	999	—	344	266	197	191	—	—	1	—
Columbia Univ.	130	2	267	4	—	—	130	141	—	—	—	—
Cooper Union	104	—	746	12	101	96	83	80	—	—	—	398
Cornell	284	2	1,983	17	564	497	364	282	293	—	—	—
Manhattan	219	—	968	—	306	239	200	211	—	—	12	—
N. Y. Univ.	291	—	1,693	9	226	244	232	232	—	—	21	747
Poly. Inst. of Brooklyn	468	—	3,141	—	397	357	304	258	—	—	—	1,825
Pratt Inst.	67	1	441	14	158	124	96	74	—	—	3	—
Rensselaer Poly. Inst.	535	1	2,413	3	687	533	532	594	—	—	1	69
Syracuse	101	1	601	6	185	129	131	162	—	—	—	—
Union Col. & Univ.	61	—	523	—	82	67	48	147	—	—	179	—
Univ. Rochester	47	—	297	4	97	78	71	55	—	—	—	—
Webb Inst. of Naval Arch.	14	—	63	—	20	16	15	12	—	—	—	—
North Carolina												
Duke Univ.	82	—	513	5	172	155	95	92	—	—	4	—
N. C. St. Col.	458	—	3,206	14	901	838	708	773	—	—	—	—
North Dakota												
N. Dak. Ag. Col.	163	—	1,091	1	308	260	257	267	—	—	—	—
Univ. of North Dakota	104	1	773	3	236	170	217	152	—	—	1	—

TABLE III—*Continued*

UNDERGRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND FIRST ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

TABLE III—*Continued*

UNDERGRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND FIRST ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

North Dakota												
N. Dak. Ag. Col.	163	—	1,091	1	308	260	257	267	—	—	—	—
Univ. of North Dakota	104	1	773	3	236	170	217	152	—	—	1	—
Ohio												
A. F. Inst. of Tech.	45	—	86	—	—	—	41	43	—	—	2	—
Antioch College	14	—	61	—	24	15	11	10	—	1	—	—
Case Inst. of Tech.	244	1	1,355	—	416	309	330	288	—	—	12	—
Fenn Col.	93	3	1,477	—	228	165	147	97	—	98	—	742
Ohio No. Univ.	19	—	259	3	80	74	65	40	—	—	3	—
Ohio St. Univ.	303	—	2,969	—	965	430	550	356	402	—	52	214
Ohio Univ.	128	—	1,009	—	375	202	198	234	—	—	—	—
Univ. Akron	49	—	492	1	183	105	66	56	—	41	2	40
Univ. Cincinnati	212	—	3,041	13	456	364	320	240	—	211	3	1,460
Univ. Dayton	86	—	1,124	7	287	152	162	138	—	—	20	372
Univ. Toledo	79	—	973	7	270	182	118	108	—	—	—	302
Youngstown Univ.	74	—	1,426	13	257	235	176	130	—	—	—	641
Oklahoma												
Okla. St. U. of A. & A. S.	341	2	2,187	12	624	404	547	620	—	—	4	—
Univ. Okla.	403	—	2,458	17	680	479	584	712	—	—	20	—
Univ. Tulsa	79	—	867	5	205	167	111	102	—	—	17	270
Oregon												
Oregon St. Col.	264	—	1,586	6	517	372	404	299	—	—	—	—
Pennsylvania												
Bucknell Univ.	66	—	363	10	126	92	78	72	5	—	—	—
Carnegie Inst. of Tech.	315	—	1,846	18	305	268	284	265	—	—	9	733
Drexel Inst. of Tech.	436	3	2,856	15	431	613	431	282	—	302	10	802
Lafayette Col.	113	—	601	—	188	164	125	124	—	—	—	—
Lehigh Univ.	290	—	1,347	—	421	332	321	273	—	—	—	—
Pa. St. Univ.	635	2	3,783	20	1,530	906	723	739	5	—	—	—
Swarthmore Col.	16	—	71	2	27	22	14	10	—	—	—	—
Univ. Pa.	96	—	528	6	143	134	149	107	—	—	—	1
Univ. Pittsburgh	358	2	2,208	10	353	387	433	435	—	—	—	610
Villanova Univ.	163	—	1,106	1	323	233	180	187	20	—	—	164
Rhode Island												
Brown Univ.	41	—	236	3	86	57	38	43	15	—	—	—
Univ. R. I.	130	2	653	—	201	148	156	148	—	—	—	—
South Carolina												
Citadel	73	—	605	—	216	161	108	120	—	—	—	—
Clemson Agri. Col.	204	—	1,893	1	888	487	308	211	—	—	—	—
Univ. S. C.	110	—	653	2	144	155	157	197	—	—	2	—
South Dakota												
S. Dakota Mines & Tech.	148	—	710	1	194	182	163	172	—	—	—	—
Tennessee												
Univ. Tenn.	242	1	2,424	24	711	618	447	353	—	—	5	314
Vanderbilt	123	4	633	9	181	160	153	148	—	—	—	—
Texas												
Lamar St. Col. of Tech.	80	2	1,151	4	410	218	164	128	—	—	4	231
Rice Inst.	65	—	614	20	218	189	81	82	64	—	—	—
Southern Meth. Univ.	100	—	841	5	210	146	187	154	—	140	9	—
Tex. Col. A. & I.	59	1	484	1	177	147	85	76	—	—	—	—
Tex. A. & M.	434	—	2,723	—	963	501	531	698	6	—	24	—
Tex. Tech. Col.	284	—	2,419	6	728	587	533	529	10	—	—	38
Tex. Western	50	—	794	4	264	144	86	67	—	—	—	237
Univ. Houston	126	—	1,745	9	218	174	165	154	—	—	—	1,043
Univ. Tex.	615	1	3,246	19	805	651	832	977	—	—	—	—

TABLE III—*Continued*

UNDERGRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND FIRST ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Institution	No. of First Eng'g Degrees Conferred 1957–58		Number Enrolled for Their First Engineering Degree: Fall 1958									
			Total		1st Yr.	2nd Yr.	3rd Yr.	4th Yr.	5th Yr. of 5-Yr. Curriculum	5th Yr. of Co-operative Program	Part-Time and Special Day Students	Evening Students
	Men	Women	Men	Women								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Utah												
Univ. Utah	177	—	1,357	—	324	291	314	423	—	—	5	—
Utah St. U. of A. & A. S.	80	—	635	—	186	166	168	115	—	—	—	—
Vermont												
Norwich	48	—	298	—	120	65	66	47	—	—	—	—
Univ. Vermont & St. Ag. Col.	49	—	426	7	161	126	94	52	—	—	—	—
Virginia												
Univ. Va.	94	—	841	—	254	220	220	147	—	—	—	—
Va. Mil. Inst.	62	—	459	—	174	125	79	81	—	—	—	—
Va. Poly.	445	1	3,375	19	1,201	869	659	642	—	—	23	—
Washington												
Univ. Wash.	404	2	2,387	13	853	659	470	407	11	—	—	—
Wash. St. Col.	149	—	1,090	6	370	359	170	183	14	—	—	—
West Virginia												
Univ. W. Va.	192	—	1,225	7	315	332	318	237	—	—	30	—
Wisconsin												
Marquette Univ.	213	1	1,711	11	335	261	251	197	—	—	41	637
Univ. Wisc.	477	—	3,942	27	1,288	841	793	741	—	—	107	199
Wyoming												
Univ. Wyo.	111	1	772	7	262	147	161	203	—	—	6	—
Dist. of Columbia												
Catholic Univ. of America	42	—	305	2	64	84	71	74	—	—	14	—
Geo. Wash. Univ.	91	—	652	8	81	96	72	38	—	—	[2]373	—
Howard Univ.	51	1	563	6	273	139	82	75	—	—	—	—
Alaska												
Univ. Alaska	12	—	141	—	65	29	23	21	3	—	—	—
Hawaii												
Univ. Hawaii	63	—	842	15	290	166	137	156	—	—	—	108
Total ECPD schools	31,113	103	216,336	1,396	59,164	45,394	40,776	39,546	1,703	1,739	3,934	25,476

[1] Data not reported separately for this campus.
[2] Includes evening students.

TABLE IV

SUMMARY OF GRADUATE ENROLLMENT AND DEGREES IN ENGINEERING IN THE UNITED STATES, OUTLYING PARTS, AND CANADA, BY CURRICULUM: 1958

TABLE IV

SUMMARY OF GRADUATE ENROLLMENT AND DEGREES IN ENGINEERING IN THE UNITED STATES, OUTLYING PARTS, AND CANADA, BY CURRICULUM: 1958

Engineering Curriculum[1]	No. of Schools[2]	No. of Master's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Master's Degree: Fall 1958				No. of Post-Grad. Pre-Doctoral Degrees[3] Conferred in Eng'g 1957–58		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees:[3] Fall 1958				No. of Doctor's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Doctor's Degree: Fall 1958			
				Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students
		Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
ECPD accredited schools:																			
Aeronautical	41	291	1	1,100	5	695	410	9	—	49	1	50	—	25	1	182	1	137	46
Agricultural	30	55	—	210	—	205	5	—	—	—	—	—	—	10	—	65	—	65	—
Architectural	8	16	—	23	—	22	1	—	—	—	—	—	—	—	—	—	—	—	—
Ceramic	14	24	1	70	4	72	2	1	—	1	—	1	—	11	—	47	1	48	—
Chemical	94	550	4	2,134	20	1,363	791	7	—	6	—	6	—	126	1	773	1	676	98
Civil	101	792	1	2,964	8	1,771	1,201	15	—	29	—	19	10	69	—	414	4	389	29
Electrical	111	1,522	5	9,008	23	4,097	4,934	34	—	70	—	58	12	143	1	1,398	4	1,057	345
Engineering Mechanics	33	110	1	449	1	311	139	2	—	—	—	—	—	43	—	178	—	172	6
Engineering Physics	11	29	—	105	2	95	12	—	—	—	—	—	—	9	—	25	1	26	—
General Engineering	9	115	1	771	6	597	180	—	—	—	—	—	—	9	—	142	—	142	—
Geological	16	12	—	54	—	54	—	1	—	1	—	1	—	2	—	5	—	5	—
Geophysical	3	6	—	15	—	15	—	—	—	—	—	—	—	1	—	6	—	6	—
Industrial[4]	50	485	1	2,087	5	879	1,213	—	—	1	—	1	—	9	—	139	1	91	49
Mechanical	106	931	—	4,659	7	2,616	2,050	16	—	62	—	61	1	76	—	602	3	515	90
Metallurgical	42	177	1	745	5	462	288	5	—	3	—	3	—	63	—	301	1	264	38
Mining	19	20	—	78	—	71	7	4	—	—	—	—	—	2	—	17	—	16	1
Naval Arch. & Marine	4	38	—	37	—	37	—	24	—	79	—	79	—	—	—	6	—	6	—
Petroleum	16	74	—	214	1	167	48	—	—	—	—	—	—	4	—	29	—	29	—
Sanitary	14	37	—	94	3	83	14	1	—	1	—	1	—	7	—	36	1	33	4
Textile	3	10	—	26	1	27	—	—	—	—	—	—	—	—	—	1	—	1	—
Unclassified	22	55	—	1,044	13	226	831	—	—	—	—	—	—	2	—	16	—	10	6
Other[1]	48	264	3	1,155	5	741	419	—	—	2	—	2	—	32	1	357	5	360	2
Total ECPD	130	5,613	19	27,042	109	14,606	12,545	119	—	304	1	282	23	643	4	4,739	23	4,048	714
Other U. S. Schools	14	36	1	681	1	275	407	—	—	—	—	—	—	—	—	—	1	1	—
All U. S. Schools	144	5,649	20	27,723	110	14,881	12,952	119	—	304	1	282	23	643	4	4,739	24	4,049	714
Canadian Schools	10	121	—	402	3	374	31	6	—	—	—	—	—	15	—	72	1	73	—
Grand Total (U. S. and Canada)	154	5,770	20	28,125	113	15,255	12,983	125	—	304	1	282	23	658	4	4,811	25	4,122	714

[1] All curricula accredited at the undergraduate level prior to 1958 by ECPD in one or more institutions are listed by specific title; curricula which were not then accredited by ECPD at any institution are included under "Other."
[2] This refers to the number of schools offering given curriculum. Such curriculum may or may not be specifically approved by ECPD.
[3] Other engineering degrees requiring work beyond the master's degree, but less than the requirements for a doctor's degree.
[4] Includes administrative engineering, management engineering, etc.

TABLE V

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Institution	No. of Master's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Master's Degree: Fall 1958				No. of Post-Grad. Pre-Doctoral Degrees[1] Conferred in Eng'g 1957–58		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees:[1] Fall 1958				No. of Doctor's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Doctor's Degree: Fall 1958			
			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students
	Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
ECPD accredited schools:																		
Alabama																		
Ala. Poly.	9	—	26	—	26	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Ala.	3	—	101	—	19	82	4	—	—	—	—	—	—	—	—	—	—	—
Arizona																		
Univ. Ariz.	24	—	221	—	137	84	7	—	—	—	—	—	—	—	13	—	13	—
Arkansas																		
Univ. Ark.	13	—	30	—	30	—	—	—	—	—	—	—	—	—	—	—	—	—
California																		
Calif. Inst. Tech.	114	—	114	—	114	—	10	—	54	—	54	—	21	—	83	—	83	—
Stanford	241	3	628	—	628	—	9	—	43	—	43	—	44	—	116	—	116	—
U. S. Naval PG Sch.	76	—	90	—	90	—	—	—	1	—	1	—	—	—	2	—	2	—
Univ. Calif.	(254)	(1)	(919)	(11)	(930)	—	—	—	—	—	—	—	(22)	—	(316)	—	(316)	—
Berkeley	148	—	[2]	[2]	[2]	—	—	—	—	—	—	—	13	—	[2]	—	[2]	—
Davis	2	—	[2]	[2]	[2]	—	—	—	—	—	—	—	—	—	[2]	—	[2]	—
Los Angeles	104	1	501	6	507	—	—	—	—	—	—	—	9	—	142	—	142	—
Univ. Sou. Calif.	248	—	1,115	4	694	425	1	—	3	—	3	—	3	—	32	—	17	15
Colorado																		
Colo. School of Mines	15	—	66	—	66	—	—	—	—	—	—	—	4	—	18	—	18	—
Colo. St. Univ.	11	—	27	—	27	—	—	—	—	—	—	—	3	—	8	—	8	—
Univ. Colo.	28	—	342	1	80	263	1	—	—	—	—	—	—	—	12	—	12	—
Univ. Denver	3	—	32	—	5	27	—	—	—	—	—	—	—	—	—	—	—	—
Connecticut																		
Univ. Conn.	36	—	209	—	17	192	—	—	—	—	—	—	—	—	2	—	2	—
Yale Univ.	59	—	136	—	128	8	—	—	—	—	—	—	11	—	59	1	60	—
Delaware																		
Univ. Delaware	19	—	135	—	56	79	—	—	—	—	—	—	4	—	26	—	8	18
Florida																		
Univ. Florida	29	1	92	—	92	—	—	—	1	1	2	—	4	—	21	—	21	—
Georgia																		
Ga. Inst. of Tech.	63	—	198	1	199	—	—	—	—	—	—	—	3	—	52	—	52	—
Idaho																		
Univ. Idaho	15	—	36	1	37	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE V—*Continued*

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING

TABLE V—*Continued*

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Illinois																		
Bradley	1	—	21	—	3	18	—	—	—	—	—	—	—	—	—	—	—	—
Ill. Inst. Tech.	80	—	523	2	105	420	—	—	—	—	—	—	19	—	112	1	113	—
Northwestern Univ.	67	—	230	—	[3]230	—	—	—	—	—	—	—	7	—	66	—	[3]66	—
Univ. Ill.	232	—	397	2	387	12	3	—	—	—	—	—	44	—	271	2	273	—
Indiana																		
Notre Dame	18	—	94	—	62	32	—	—	1	—	—	1	—	—	3	—	3	—
Purdue	182	—	585	—	585	—	—	—	—	—	—	—	40	1	152	—	152	—
Rose Poly.	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Iowa																		
Iowa St. Col. of A. & M. Arts	35	—	133	—	133	—	—	—	—	—	—	—	10	—	85	—	85	—
St. Univ. Iowa	28	—	97	—	97	—	—	—	—	—	—	—	7	—	26	—	26	—
Kansas																		
Kan. St. Col. of Ag. & A. Sc.	18	—	87	—	87	—	—	—	—	—	—	—	—	—	7	—	7	—
Mun. Univ. Wichita	6	—	40	—	4	36	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Kan.	22	—	137	1	37	101	—	—	—	—	—	—	1	—	13	—	13	—
Kentucky																		
Univ. Ky.	20	—	51	—	51	—	—	—	—	—	—	—	2	—	1	—	1	—
Univ. Louisville	17	—	68	—	21	47	—	—	—	—	—	—	—	—	5	—	4	1
Louisiana																		
La. St. Univ. & A. & M. Col.	24	—	76	—	76	—	—	—	—	—	—	—	2	—	21	—	21	—
S. W. La. Inst.	—	—	7	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Tulane	4	—	35	—	35	—	—	—	—	—	—	—	—	—	—	—	—	—
Maine																		
Univ. Maine	18	—	29	—	29	—	—	—	—	—	—	—	—	—	—	—	—	—
Maryland																		
Johns Hopkins Univ.	34	—	114	1	73	42	—	—	—	—	—	—	5	—	92	1	93	—
Univ. Md.	21	—	349	1	350	—	—	—	—	—	—	—	3	—	24	—	24	—
Massachusetts																		
Harvard	50	—	50	1	51	—	—	—	—	—	—	—	23	—	161	2	163	—
Lowell Tech. Inst.	3	—	30	—	30	—	—	—	—	—	—	—	—	—	—	—	—	—
Mass. Inst. Tech.	558	3	908	4	912	—	62	—	154	—	154	—	78	1	427	6	433	—
Northeastern Univ.	58	—	699	1	58	642	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Mass.	2	—	31	—	21	10	—	—	—	—	—	—	—	—	—	—	—	—
Worcester Poly. Inst.	13	—	103	—	56	47	1	—	—	—	—	—	—	—	2	—	2	—
Michigan																		
Mich. Col. M. & Tech.	10	—	11	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—
Mich. St. U.	32	—	136	—	104	32	—	—	—	—	—	—	8	—	62	1	63	—
Univ. Detroit	—	—	11	—	—	11	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Mich.	290	3	475	2	477	—	3	—	11	—	11	—	33	—	270	—	270	—
Wayne St. Univ.	37	2	270	1	266	5	—	—	—	—	—	—	—	—	—	—	—	—
Minnesota																		
Univ. Minn.	74	—	317	4	321	—	—	—	2	—	2	—	15	—	158	—	158	—
Mississippi																		
Miss. St. Col.	2	—	27	—	27	—	—	—	—	—	—	—	—	—	1	—	1	—
Univ. Miss.	4	—	7	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—
Missouri																		
Mo. School of Mines	21	—	102	2	104	—	—	—	—	—	—	—	—	—	9	—	9	—
Univ. Mo.	11	—	56	—	56	—	—	—	—	—	—	—	4	—	9	—	9	—
St. Louis Univ.	21	—	302	—	3	299	—	—	—	—	—	—	—	—	—	—	—	—
Wash. Univ. (St. L.)	21	—	167	1	168	—	—	—	—	—	—	—	2	—	53	1	54	—

TABLE V—*Continued*

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Institution	No. of Master's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Master's Degree: Fall 1958				No. of Post-Grad. Pre-Doctoral Degrees[1] Conferred in Eng'g 1957–58		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees:[1] Fall 1958				No. of Doctor's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Doctor's Degree: Fall 1958			
			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students
	Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Montana																		
Mont. Sch. of Mines	4	—	12	—	12	—	—	—	—	—	—	—	—	—	—	—	—	—
Mont. St. Col.	5	—	33	—	33	—	—	—	—	—	—	—	3	—	10	—	10	—
Nebraska																		
Univ. Nebr.	8	—	48	—	48	—	—	—	—	—	—	—	—	—	—	—	—	—
Nevada																		
Univ. Nevada	3	—	15	—	15	—	—	—	—	—	—	—	—	—	—	—	—	—
New Hampshire																		
Univ. New Hamp.	1	—	14	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey																		
Newark Col. of Eng'g	132	—	693	4	—	697	—	—	—	—	—	—	—	—	—	—	—	—
Princeton	46	—	101	—	101	—	—	—	—	—	—	—	5	—	46	—	46	—
Rutgers, The State Univ.	14	—	107	1	37	71	—	—	—	—	—	—	1	—	30	2	17	15
Stevens Inst. of Tech.	136	1	707	—	—	707	—	—	—	—	—	—	1	—	6	—	—	6
New Mexico																		
N. Mex. Col. A. & M. Arts	9	—	86	—	86	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. N. Mex.	24	—	351	1	352	—	—	—	—	—	—	—	—	—	23	—	23	—
New York																		
Alfred	3	—	19	1	20	—	—	—	—	—	—	—	2	—	3	—	3	—
City Col., The City of N. Y.	42	—	585	4	—	589	—	—	—	—	—	—	—	—	—	—	—	—
Clarkson Col. of Tech.	2	—	29	—	12	17	—	—	—	—	—	—	—	—	—	—	—	—
Columbia Univ.	168	—	563	—	111	452	7	—	24	—	2	22	17	—	122	1	4	119
Cornell	60	—	139	2	141	—	—	—	—	—	—	—	18	—	81	—	81	—
N. Y. Univ.	145	—	1,021	8	49	980	—	—	—	—	—	—	8	—	177	—	—	177
Poly. Inst. of Brooklyn	128	—	1,209	6	70	1,145	—	—	—	—	—	—	15	—	250	3	32	221
Pratt Inst.	2	—	23	2	14	11	—	—	—	—	—	—	—	—	—	—	—	—
Rensselaer Poly. Inst.	103	—	727	5	168	564	—	—	—	—	—	—	7	—	77	—	52	25
Syracuse	37	—	691	4	175	520	—	—	—	—	—	—	5	—	48	—	27	21
Union Col. & Univ.	8	—	66	—	66	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Rochester	12	—	75	—	9	66	—	—	—	—	—	—	—	—	6	—	6	—
Webb Inst. of Naval Arch.	4	—	11	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—
North Carolina																		
Duke Univ.	—	—	24	—	24	—	—	—	—	—	—	—	—	—	—	—	—	—
N. C. St. Col.	38	—	146	—	146	—	4	—	10	—	10	—	1	—	37	1	38	—

TABLE V—*Continued*

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

TABLE V—*Continued*

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

North Dakota																		
N. Dak. Ag. Col.	7	—	28	—	28	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. of N. Dak.	2	—	16	—	16	—	—	—	—	—	—	—	—	—	—	—	—	—
Ohio																		
A. F. Inst. of Tech.	63	—	157	—	157	—	—	—	—	—	—	—	—	—	—	—	—	—
Case Inst. of Tech.	60	3	381	1	382	—	—	—	—	—	—	—	4	—	88	—	88	—
Ohio St. Univ.	95	—	402	—	342	60	—	—	—	—	—	—	23	2	111	—	111	—
Ohio Univ.	—	—	9	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Akron	—	—	76	—	—	76	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Cincinnati	4	—	409	4	31	382	—	—	—	—	—	—	1	—	8	—	8	—
Univ. Toledo	7	1	60	—	2	58	—	—	—	—	—	—	—	—	—	—	—	—
Oklahoma																		
Okla. St. U. of A. & A. Sci.	46	—	181	2	183	—	—	—	—	—	—	—	3	—	23	—	23	—
Univ. Okla.	49	—	93	—	93	—	—	—	—	—	—	—	1	—	13	—	13	—
Univ. Tulsa	14	—	55	1	20	36	—	—	—	—	—	—	—	—	—	—	—	—
Oregon																		
Oregon St. Col.	15	—	44	—	44	—	2	—	—	—	—	—	2	—	1	—	1	—
Pennsylvania																		
Bucknell Univ.	2	—	12	2	14	—	—	—	—	—	—	—	—	—	—	—	—	—
Carnegie Inst. of Tech.	60	1	298	—	102	196	—	—	—	—	—	—	23	—	55	1	56	—
Drexel Inst. of Tech.	63	—	566	—	566	—	—	—	—	—	—	—	—	—	—	—	—	—
Lehigh Univ.	44	—	190	—	190	—	—	—	—	—	—	—	9	—	39	—	39	—
Pa. St. Univ.	46	—	171	1	172	—	—	—	—	—	—	—	10	—	85	—	85	—
Univ. Pa.	84	—	963	3	158	808	—	—	—	—	—	—	6	—	149	—	[8]149	—
Univ. Pittsburgh	55	—	449	—	21	428	—	—	—	—	—	—	3	—	91	—	5	86
Villanova Univ.	4	—	56	—	—	56	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island																		
Brown Univ.	3	—	38	—	29	9	—	—	—	—	—	—	1	—	10	—	10	—
Univ. R. I.	5	—	9	—	9	—	—	—	—	—	—	—	—	—	—	—	—	—
South Carolina																		
Clemson Agri. Col.	8	—	19	—	19	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. S. C.	—	—	11	—	11	—	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota																		
S. Dak. Mines & Tech.	6	—	13	—	13	—	—	—	—	—	—	—	—	—	—	—	—	—
Tennessee																		
Univ. Tenn.	22	—	271	3	256	18	—	—	—	—	—	—	—	—	—	—	—	—
Vanderbilt Univ.	—	—	6	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Texas																		
Rice Inst.	9	—	54	—	54	—	—	—	—	—	—	—	2	—	21	—	21	—
Southern Meth. Univ.	35	—	923	7	22	908	—	—	—	—	—	—	—	—	—	—	—	—
Tex. Col. A. & I.	1	—	6	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—
Tex. A. & M.	52	—	104	—	104	—	1	—	—	—	—	—	5	—	48	—	48	—
Tex. Tech. Col.	—	—	19	—	18	1	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Houston	8	—	82	—	82	—	—	—	—	—	—	—	—	—	—	—	—	—
Univ. Tex.	70	—	162	—	162	—	—	—	—	—	—	—	8	—	64	—	64	—
Utah																		
Univ. Utah	14	—	97	—	97	—	1	—	—	—	—	—	6	—	31	—	31	—
Utah St. U. of A. & A. S.	4	—	14	—	14	—	—	—	—	—	—	—	—	—	3	—	3	—
Virginia																		
Univ. Va.	9	—	238	—	38	200	—	—	—	—	—	—	—	—	8	—	8	—
Va. Poly.	47	—	122	—	122	—	—	—	—	—	—	—	5	—	14	—	14	—

TABLE V—*Continued*

GRADUATE ENGINEERING ENROLLMENT AS OF OCTOBER 1, 1958, AND GRADUATE ENGINEERING DEGREES CONFERRED IN 1957–58, BY SCHOOL

Institution	No. of Master's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Master's Degree: Fall 1958				No. of Post-Grad. Pre-Doctoral Degrees[1] Conferred in Eng'g 1957–58		Number Enrolled in Work for Other Post-Graduate Pre-Doctoral Degrees:[1] Fall 1958				No. of Doctor's Degrees Conferred in Eng'g 1957–58		Number Enrolled in Work for the Doctor's Degree: Fall 1958			
			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students			Total		Day Students, Full-Time and Part-Time	Evening and Special Students
	Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.			Men	Wo.	Men	Wo.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Washington																		
Univ. Wash.	58	—	363	3	366	—	—	—	—	—	—	—	3	—	56	—	56	—
Wash. St. Col.	1	—	35	—	35	—	—	—	—	—	—	—	—	—	—	—	—	—
West Virginia																		
Univ. W. Va.	11	—	50	—	46	4	—	—	—	—	—	—	2	—	4	—	4	—
Wisconsin																		
Marquette Univ.	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Univ. Wisc.	69	—	391	—	391	—	1	—	—	—	—	—	21	—	98	—	98	—
Wyoming																		
Univ. Wyo.	6	—	20	—	20	—	1	—	—	—	—	—	—	—	—	—	—	—
Dist. of Columbia																		
Catholic U. of America	4	—	145	—	23	122	—	—	—	—	—	—	—	—	13	—	3	10
Geo. Wash. Univ.	22	—	447	3	—	450	—	—	—	—	—	—	—	—	—	—	—	—
Total ECPD Schools	5,613	19	27,042	109	14,606	12,545	119	—	304	1	282	23	643	4	4,739	23	4,048	714

[1] Other engineering degrees requiring work beyond the master's degree, but less than the requirements for a doctor's degree.
[2] Data not reported separately for this campus.
[3] Includes evening students.

ASEE AUDIT REPORT FOR THE YEAR ENDED JUNE 30, 1958

FILBEY, ANDREWS & FILBEY

Certified Public Accountants
Champaign-Urbana, Illinois

August 29, 1958

Executive Board
American Society for Engineering Education
Urbana, Illinois
Gentlemen:

In accordance with your instructions we have made an audit of your records for the year ended June 30, 1958, and are now submitting our report. Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Following past practice, inventories of Society publications are not included in the balance sheet. The costs of publication have been charged to operations in the year of printing.

In our opinion, the accompanying balance sheets and statements of income and unappropriated surplus, of changes in special project balances, and of changes in surplus reserves present fairly the financial position of the American Society for Engineering Education at June 30, 1958, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Very truly yours,
FILBEY, ANDREWS & FILBEY
Certified Public Accountants

Balance Sheet

June 30, 1958

CURRENT FUND

Assets

Cash:		
Checking Accounts	$13 548 29	
Savings Accounts	70 180 57	83 728 86
United States Government Obligations (at cost)		36 000 00
Accounts Receivable:		
Advertising	2 245 37	
Dues	1 000 00	
Teaching Ads	928 00	
Sponsors of Awards (see Schedule 1)	1 871 46	6 044 83
Unused Advances:		
Survey of Research Capabilities	5 241 63	
Technical Institute Survey	621 72	
Committee on Development of Engineering Faculties	124 05	
Annual Meeting Committee	500 00	6 487 40
Other Assets:		
Deposit for Air Travel Card	425 00	
Prepaid Postage and Supplies	210 00	
Inventory	1 00	
Furniture and Equipment	1 00	637.00
Total Assets		$132 898 09

Balance Sheet

June 30, 1958

CURRENT FUND

(Continued)

Liabilities and Surplus

Accounts Payable and Accrued Expenses		$ 8 907 20
Amounts Collected in Advance:		
Institutional Dues	$ 9 952 50	
Individual Dues	3 929 65	
Proceedings	287 00	14 169 15
Unexpended Balances of Special Projects (see Schedule 2)		19 662 26
Surplus:		
Reserve for Special Projects	5 730 95	
Reserve for ECRC	5 971 64	
Reserve for Emergencies	65 000 00	
Unappropriated Surplus	13 456 89	90 159 48
Total Liabilities and Surplus		$132 898 09

Note: Most of the unexpended balances of special projects, which totalled $19 662 26 on June 30, 1958, represented amounts received from outside organizations, not available for general Society operations.

Statement of Income and Unappropriated Surplus

For the Year Ended June 30, 1958

Income	*Actual*	*Budget*	*Difference Favorable (Unfavorable)*
Current Dues—Individual	$ 57 019 83	$ 56 350 00	$ 669 83
Current Dues—Institutional	15 110 00	15 050 00	60 00
Back Dues	1 463 00	1 700 00	(237 00)
Advertising	23 935 95	22 400 00	1 535 95
Teaching Ads	2 019 00	2 800 00	(781 00)
Interest	3 491 85	3 300 00	191 85
Subscriptions to Journal	4 613 71	2 500 00	2 113 71
Publications	853 20	1 200 00	(346 80)
Proceedings (Loss)	(620 14)	400 00	(1 020 14)
Refund from Annual Meeting	215 21	—	215 21
Miscellaneous	231 34	50 00	181 34
Total Income	108 332 95	105 750 00	2 582 95
Expenses (see Schedule 3)	101 518 40	103 750 00	2 231 60
Net Income	6 814 55	2 000 00	$4 814 55
Addition to Emergency Reserve	5 000 00	2 000 00	
Addition to Unappropriated Surplus	1 814 55	$ —0—	
Balance, Unappropriated Surplus, July 1, 1957	11 642 34		
Balance, Unappropriated Surplus, June 30, 1958	$ 13 456 89		

Statement of Changes in Surplus Reserves

For the Year Ended June 30, 1958

Reserve for Special Projects		
Balance, July 1, 1957		$ 4 796 14
Add Remaining Balances of Projects Closed Out During the Year:		
Committee on Development of Engineering Faculties	$888 53	
Survey of Teaching English in Engineering Schools	296 28	1 184 81
Total		5 980 95
Deduct Transfer to Project for Research on Problems in Teacher-Learning Function in Engineering Schools		250 00
Balance, June 30, 1958		$ 5 730 95
Reserve for ECRC		
Balance, July 1, 1957		$ 5 302 27
Add Receipts from Sale of ECRC Publications		1 075 24
Total		6 377 51
Deduct Excess of Expenditures over Budget		405 87
Balance, June 30, 1958		$ 5 971 64
Reserve for Emergencies		
Balance, July 1, 1957		$60 000 00
Add Transfer from Unappropriated Surplus		5 000 00
Balance, June 30, 1958		$65 000 00

Balance Sheet

June 30, 1958

B. G. LAMME FUND

Assets		
Unrestricted Cash		$ 290 25
Income Cash in Hands of Trustee		251 98
Principal Cash in Hands of Trustee		7 20
Securities Held by Trustee		10 134 53
Total Assets		$10 683 96
Liabilities and Surplus		
Due to Current Fund		$ 484 89
Surplus:		
Balance, July 1, 1957	$10 414 71	
Add Income for the Year	315 31	
Total	10 730 02	
Deduct Expenses for the Year	530 95	
Balance, June 30, 1958		10 199 07
Total Liabilities and Surplus		$10 683 96

Schedule 1

Changes in Amounts Receivable on Awards

For the Year Ended June 30, 1958

Sponsor	*Due on July 1, 1957*	*Costs Incurred*	*Received*	*Due on June 30, 1958*
Westinghouse Educational Foundation (George Westinghouse Award)	$ 250 00	$ 297 88	$ 600 00	($ 52 12)
B. G. Lamme Fund	266 53	530 95	312 59	484 89
Bendix Aviation Corporation (Vincent Bendix Award)	656 21	664 27	656 21	664 27
McGraw-Hill Book Company (Curtis W. McGraw Research Award)	770 95	774 42	770 95	774 42
Total	$1 943 69	$2 267 52	$2 339 75	$1 871 46

Schedule 2

Changes in Special Project Balances

For the Year Ended June 30, 1958

	Unexpended Balance July 1, 1957	*Contributions Received*	*Expenditures*	*Other Changes*	*Unexpended Balance June 30, 1958*
Evaluation of Engineering Education Follow-Up	$ 3 461 82		$ 3 329 40		$ 132 42
Humanistic-Social Research Follow-Up	1 098 17				1 098 17
Educational Requirement of Nuclear Industry—News Letter	(723 81)	$ 2 000 00	971 32		304 87
Graduate Study Project	1 612 30	1 500 00	1 939 90		1 172 40
Technical Institute Book	4 495 65				4 495 65
Survey of Technical Institute Education	7 140 46		4 858 36		2 282 10
ECRC Survey of Research Capabilities	31 374 36		26 132 73		5 241 63
Committee on Development of Engineering Faculties	1 416 18		527 65 (1)	($888.53)	—
Survey of Teaching English in Engineering Schools	296 28		(1)	(296 28)	—
Recruiting Practices and Procedures	(200 17)		126 03 (2)	326 20	—
Atomic Energy Institutes—1957 and 1958	2 213 32	13 000 00	10 528 30		4 685 02
Nuclear Manpower Survey	—	3 981 21	3 981 21		—
Teacher-Learning Problems	—		(3)	250 00	250 00
Total	$52 184 56	$20 431 21	$52 394 90	($608 61)	$19 662 26

Notes:

(1) The unexpended balances of two projects were returned to the Reserve for Special Projects by action of the Executive Board.

(2) The costs of the survey of Recruiting Practices and Procedures were recovered through the sale of the pamphlet published on that subject.

(3) The Executive Board authorized the advance of $250.00 from the Reserve for Special Projects for the new research on Teacher-Learning Problems.

Analysis of Expenses

For the Year Ended June 30, 1958

	Actual	*Budget*	*Difference Favorable (Unfavorable)*
Annual Meeting	$ 4 077 38	$ 3 500 00	($ 577 38)
Journal	37 907 53	38 000 00	92 47
Committees, Conferences and Divisions	1 516 20	2 000 00	483 80
Postage	2 522 36	1 700 00	(822 36)
Telephone and Telegraph	1 191 80	1 000 00	(191 80)
Supplies and Sundry Printing	4 380 35	3 300 00	(1 080 35)
Travel Expenses:			
Secretary's Office	2 152 38	2 300 00	147 62
Officers	2 058 66	3 000 00	941 34
President	1 426 06	1 000 00	(426 06)
Editor	553 90	600 00	46 10
Council and Policy Committee	2 430 94	2 000 00	(430 94)
ECAC	678 93	1 000 00	321 07
ECRC	4 350 00	4 350 00	—
Salaries:			
Secretary	8 381 50	9 155 00	773 50
Editor	3 700 32	3 745 00	44 68
Office	16 590 63	16 360 00	(230 63)
Clerical Assistance	231 94	3 600 00	3 368 06
Social Security	488 06	600 00	111.94
Retirement of Emeritus Assistant Secretary	1 360 00	1 360 00	—
Bonding Fees and Audit	1 025 00	850 00	(175 00)
American Council on Education Subscriptions	310 00	310 00	—
ECPD Contribution	802 10	680 00	(122 10)
Contingencies and Special Projects	456 24	841 00	384 76
EJC Dues	975 00	850 00	(125 00)
Utilities	319 42	500 00	180 58
Furniture and Equipment	594 55	100 00	(494 55)
Maintenance of Equipment	154 80	150 00	(4 80)
Insurance	518 62	504 00	(14 62)
President's Award	300 00	300 00	—
Miscellaneous	63 73	95 00	31 27
Total	$101 518 40	$103 750 00	$2 231 60

WENDT ON NATIONAL RESEARCH COUNCIL

Dean Kurt F. Wendt of the University of Wisconsin's College of Engineering has been appointed a member of the National Research Council. The appointment was made by Detlev W. Bronk, president of the National Academy of Sciences, on the nomination of the academy's division of engineering and industrial research.

Dean Wendt will represent the American Society for Engineering Education in the division of engineering and industrial research on the council. Wendt's appointment is for 1958–61.

Dean Wendt is chairman of the Engineering College Research Council and vice president of ASEE.

ASEE YEARBOOK

Organization of the Society

The Society for the Promotion of Engineering Education was the outgrowth of the meetings of Division E of the World's Engineering Congress held in Chicago from July 21 to August 15, 1893, in connection with the World's Columbian Exposition.

In June, 1946, the name of the Society was changed to The American Society for Engineering Education, and the Engineering College Research Association, established in 1942, merged with the Society to become its Engineering College Research Council.

The purpose of the Society is the advancement of education in all its functions which pertain to engineering and allied branches of science and technology, including the processes of teaching and learning, research, extension services, and public relations. The Society shall serve its members as a common agency of stimulation and guidance in: (*a*) the formulation of the general goals and responsibilities of engineering education for the service of individuals and the advancement of general welfare; (*b*) the adjustment of curricula and educational processes to changing conditions; (*c*) the development of effective teachers and administrators; (*d*) the improvement of instructional materials and methods, of personnel practices, and of administrative usages; (*e*) the enhancement of professional ideals and standards; (*f*) the fostering of research as a function collateral to teaching; (*g*) the coordination of institutional aims and programs, both among schools and colleges and in their joint relations with professional, educational, and public bodies; and (*h*) the cultivation of a fraternal spirit among teachers, administrators, investigators, practitioners, and industrialists.

The Society is an organization of individual and institutional members which operates in two coordinate areas of activity, corresponding to the respective interests of these groups. The interests of the individual members are coordinated under a General Council, and the activities of its institutional members through the Engineering College Administrative Council and the Engineering College Research Council. The Executive Board is the administrative body responsible for coordinating the activities of the entire Society.

The ASEE has twenty-two Divisions and a number of Committees which represent various professional branches of science, engineering, and related fields. The Divisions and Committees arrange the technical program of the annual meeting and are responsible for much of the technical work of the Society. A number of studies of far-reaching importance to engineering colleges and the educational profession have been conducted through Division and Committee activities.

There are sixteen geographical Sections which hold regional meetings. The programs of these meetings are devoted to various timely subjects dealing with engineering education, research, administration, and professional aspects of engineering.

Local branches of the Society have been formed in a number of engineering colleges in order to further the objectives of engineering education within the colleges.

The Engineering College Administrative Council serves to foster cooperation among engineering colleges and to relate the colleges to the public welfare in the interests of the engineering profession, industry, and the public at large. It serves as an instrument of inquiry into problems which contribute to the effective administration of engineering colleges. It cooperates with agencies of the government, engineering societies, and other organizations to further the interests of engineering education. Membership in the Council is institutional, consisting of one voting member from each Active Institutional Member and one non-voting member from each Associate Institutional Member.

The Engineering College Research Council assists in developing research facilities in engineering colleges and serves as an organization to promote and coordinate scientific and industrial research. The Council cooperates with governmental agencies and industrial organizations in the formulation of research programs. Through these activities the Council contributes to the improvement of advanced study in engineering colleges.

The Journal of Engineering Education, published monthly during the academic year, is the formal publication of the ASEE. It contains papers, reports and discussions pertinent to the profession. This Journal is distributed free to the members. A bound volume of the Journal constitutes the annual Proceedings of the Society.

OFFICERS AND COUNCIL MEMBERS

Officers 1958–59

President: W. T. ALEXANDER, Dean of Engineering, Northeastern University, Boston 15, Mass.

Vice President (1960) (sections–West): C. L. ECKEL, Dean of Engineering, University of Colorado, Boulder, Colo.

Vice President (1959) (sections–East): R. W. VAN HOUTEN, President, Newark College of Engineering, Newark, New Jersey.

Vice President (1960) (instructional division activities): E. C. EASTON, Dean of Engineering, Rutgers University, New Brunswick, New Jersey.

Vice President (1959) (divisions–general): GLENN MURPHY, Head of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa.

Vice President (1959) (Engineering College Administrative Council): R. A. MORGEN, Director Purdue Research Foundation, Lafayette, Indiana.

Vice President (1960) (Engineering College Research Council): K. F. WENDT, Dean of Engineering, University of Wisconsin, Madison, Wis.

Treasurer: JOHN GAMMELL, Director of Graduate Training, Allis-Chalmers Manufacturing Company, Milwaukee 1, Wis.

Secretary: W. LEIGHTON COLLINS, University of Illinois, Urbana, Illinois.

Editor: Journal of Engineering Education: PAUL T. BRYANT, Assistant Editor, Engineering Experiment Station, University of Illinois, Urbana, Illinois.

Junior Past Presidents:

F. C. LINDVALL, California Institute of Technology, Pasadena, Cal.
W. L. EVERITT, University of Illinois, Urbana, Ill.
M. M. BORING, General Electric Co., Schenectady, N. Y.

Secretary ECAC: HAROLD E. WESSMAN, Dean of Engineering, University of Washington, Seattle, Wash.

Secretary ECRC: RENATO CONTINI, College of Engineering, New York University, New York, N. Y.

Office Staff:

NAOMI GARMAN, Executive Office Secretary.
BARBARA CARPENTER, Editorial Secretary.
URSULA MOSES, Membership Secretary.
LOIS HUNT and ELINOR TOMLINSON, Office Secretaries.

Members of the General Council 1958–59

The General Council includes the Officers of the Society, the Junior Past Presidents listed on the preceding page and secretaries of ECAC and ECRC in addition to the following representatives of Divisions and Sections.

DIVISIONS

Representatives on Council *

Aeronautical Engineering—L. Z. Seltzer (1959), West Virginia University, Morgantown, West Virginia.

Agricultural Engineering—G. E. Spencer (1960), Purdue University, Lafayette, Ind.

Architectural Engineering—A. J. McGaw (1960), University of Wyoming, Laramie, Wyo.

Chemical Engineering—J. O. Hougen (1959), Monsanto Chemical Company, St. Louis, Mo.

Civil Engineering—B. A. Whisler (1960), Pennsylvania State University, University Park, Pa.

Cooperative Engineering Education—E. K. Hamlen (1959), University of Akron, Akron, Ohio.

Educational Methods—H. I. Tarpley (1960), Pennsylvania State University, University Park, Pa.

Electrical Engineering—Samuel Seely (1959), Case Institute of Technology, Cleveland, Ohio.

Engineering Economy—A. R. Gruehr (1960), Polytechnic Institute of Brooklyn, Brooklyn, N. Y.

Engineering Graphics—Jasper Gerardi (1960), University of Detroit, Detroit, Mich.

English—G. J. Christiansen (1960), Lehigh University, Bethlehem, Pa.

Evening Engineering Education—K. W. Riddle (1959), Drexel Institute of Technology, Philadelphia, Pa.

Graduate Studies—P. F. Chenea (1960), Massachusetts Institute of Technology, Cambridge 39, Mass.

Humanistic-Social—S. P. Olmsted (1959), Rensselaer Polytechnic Institute, Troy, N. Y.

Industrial Engineering—A. F. Gould (1960), Lehigh University, Bethlehem, Pa.

Mathematics—Haim Reingold (1959), Illinois Institute of Technology, Chicago, Ill.

Mechanical Engineering—Eric Lindahl (1960), University of Wyoming, Laramie, Wyo.

Mechanics—F. L. Singer (1959), New York University, New York 53, New York.

Mineral Engineering—C. L. Wilson (1960), Missouri School of Mines, Rolla, Mo.

Physics—R. J. Seeger (1959), Assistant Director, National Science Foundation, Washington, D. C.

Relations with Industry—J. F. Downie Smith (1959), Carrier Corporation, Syracuse, N. Y.

Technical Institute—K. O. Werwath, (1959), Milwaukee School of Engineering, Milwaukee, Wis.

SECTIONS

Representatives on Council *

Allegheny—Walton Forstall (1959), Carnegie Institute of Technology, Pittsburgh, Pa.

Illinois-Indiana—H. A. Moench (1960), Rose Polytechnic Institute, Terre Haute, Ind.

Kansas-Nebraska—G. W. Bradshaw (1959), University of Kansas, Lawrence, Kansas.

Michigan—H. M. Hess (1960), Wayne State University, Detroit, Mich.

Middle Atlantic—H. L. Bowman (1959), Drexel Institute of Technology, Philadelphia, Pa.

Missouri-Arkansas—V. J. Blum (1959), Saint Louis University, St. Louis, Mo.

National Capital Area—H. H. Armsby (1960), Department of Health, Education and Welfare, Washington, D. C.

New England—E. F. Littleton (1959), Tufts University, Medford, Mass.

North Midwest—A. B. Drought (1960), Marquette University, Milwaukee, Wis.

Ohio—E. C. Clark (1959), Ohio State University, Columbus, Ohio.

Pacific Northwest—A. S. Janssen (1960), University of Idaho, Moscow, Idaho.

Pacific Southwest—D. E. Whelan, Jr., (1959), Loyola University of Los Angeles, Los Angeles, Calif.

Rocky Mountain—Davis Bartholomew (1960), Brigham Young University, Provo, Utah.

Southeastern—D. W. Dutton (1959), Georgia Institute of Technology, Atlanta, Ga.

Southwest—R. A. Langenheim (1960), University of Tulsa, Tulsa, Okla.

Upper New York-Ontario—R. B. Russ (1960), Union College, Schenectady, N. Y.

* Members of Council retire ten days after the Annual Meeting held in the year following their name.

ENGINEERING COLLEGE RESEARCH COUNCIL

The Engineering College Research Council is an outgrowth of the Engineering College Research Association. The Association was founded in 1942 and became the Engineering College Research Council on January 1, 1947, when it was merged with, and became one of the Councils of the American Society for Engineering Education. The original purposes of the Association are essentially the purposes of the Council.

These are set forth in Article VII, Section 1, of the Constitution of the American Society for Engineering Education, and essentially they shall be to assist in developing research facilities of engineering colleges, promoting research activities and disseminating research findings.

Membership in the Engineering College Research Council is institutional. Each institutional member, active or associate, is entitled to appoint one representative to the Engineering College Research Council, and representatives of those institutions which have associate membership shall have all the privileges of the representatives of the institutions which hold active membership, except the privilege of voting and holding office.

ECRC Officers, 1958–59

K. F. Wendt, *Chairman*, University of Wisconsin, Madison 6, Wisconsin
R. G. Folsom, *Vice Chairman*, Rensselaer Polytechnic Inst., Troy N. Y.
H. W. Barlow, *Vice Chairman*, State College of Washington, Pullman, Wash.
Renato Contini, *Secretary*, New York University, New York, N. Y.
Directors: J. C. Calhoun (1961), A. & M. College of Texas, College Station, Texas; C. C. Chambers (1960), University of Pennsylvania, Philadelphia, Pa.; J. R. Cudworth, (1959), University of Alabama, University, Ala.; C. A. Dunn (1960), Oklahoma State University, Stillwater, Okla.; H. B. Gotaas (1961), Northwestern University, Evanston, Ill.; J. D. Ryder (1959), Michigan State University, East Lansing, Mich.

ECRC Committees

Relations with Federal Government: H. R. Warfield, *Chairman*, Johns Hopkins University; F. L. Foster, Massachusetts Institute of Technology; H. B. Gotaas, Northwestern University; George H. Lee, Rensselaer Polytechnic Institute; R. J. Martin, University of Illinois; R. A. Morgen, Purdue University; D. S. Murray, University of Pennsylvania; William E. Quinsey, University of Michigan; R. J. Woodrow, Princeton University; H. K. Work, New York University

Relations with Industrial Agencies: C. A. Dunn, *Chairman*, Oklahoma State University; M. A. Williamson, Vice Chairman, Pennsylvania State University; G. W. Green, Cal. Inst. of Tech.; M. W. Kriegel, Jersey Prod. Research Co., Tulsa 10, Okla.; C. H. Lorig, Battelle Memorial Institute; Aaron Rose, A. & M. College of Texas; H. K. Work, New York University; C. G. Worthington, Industrial Research Institute

Program: C. C. Chambers, *Chairman*, University of Pennsylvania; R. G. Folsom, Rensselaer Polytechnic Institute; N. A. Hall, Yale University; J. W. Hoffman, Michigan State University; M. A. Williamson, Pennsylvania State University; H. R. Warfield, Johns Hopkins University

Research Administration: H. W. Barlow, Washington State College, *Chairman*; John C. Calhoun, *Vice Chairman*, A. & M. College of Texas; J. C. Boyce, Illinois Institute of Technology; R. E. Burroughs, University of Michigan; George H. Hickox, Engineering Research and Development Laboratory, Ft. Belvoir, Va.; H. R. Warfield, Johns Hopkins University

Curtis W. McGraw Award: W. J. Seeley, *Chairman*, Duke University; J. R. Cudworth, University of Alabama; B. G. Elliott, University of Wisconsin; R. E. Fadum, North Carolina State College; M. E. Forsman, University of Florida; George Gerard, New York University; E. E. Litkenhous, Vanderbilt University

Vincent Bendix Award: L. H. Johnson, *Chairman,* Tulane University; A. B. Bronwell, Worcester Polytechnic Institute; F. L. Foster, Massachusetts Institute of Technology; R. J. Martin, University of Illinois; J. H. Rushton, Purdue University; J. D. Ryder, Michigan State University; M. A. Williamson, Pennsylvania State University

Research Capabilities in Engineering Colleges: E. A. Walker, *Chairman,* Pennsylvania State University; C. A. Dunn, Oklahoma State University; R. A. Morgen, Purdue University; R. H. Ramsey, Pennsylvania State University; R. J. Woodrow, Princeton University; H. K. Work, New York University

Nominating Committee: R. J. Woodrow, *Chairman,* Princeton University; F. C. Lindvall, California Institute of Technology; H. K. Work, New York University

Publications: Renato Contini, *Chairman,* New York University; K. F. Wendt, University of Wisconsin; H. K. Work, New York University

RESEARCH PARTICIPATION OPPORTUNITIES OUTLINED IN NEW BROCHURE

A "classified directory" of Oak Ridge research opportunities available to college and university faculty members has been issued by the ORINS University Relations Division.

The "directory" is a brochure describing the Oak Ridge Research Participation Program, now in its tenth year, that the Institute administers for the United States Atomic Energy Commission. The program is one that enables university scientists to carry out research in atomic-energy installations for periods of three months to a year. The new brochure describes the numerous opportunities for research involving the application of nuclear energy to basic sciences, agriculture, engineering, and medicine, utilizing facilities not generally available to any single university or college.

Primary site of research-participation appointments is Oak Ridge National Laboratory, leader in nuclear-reactor research and development, and the world's principal producer of radioisotopes. Other research appointments are available at the University of Tennessee-AEC Agricultural Research Laboratory, and at the Institute.

Copies of the research-participation brochure are available on request from the University Relations Division, Oak Ridge Institute of Nuclear Studies, P.O. Box 117, Oak Ridge, Tennessee.

BUILDING PLANS FOR ORINS

When Paul M. Gross, vice president of Duke University and president of the Institute, made his annual report to the Council, he described the design for new, permanent headquarters for ORINS, to be built on a 38-acre tract purchased from the Atomic Energy Commission in 1956. (Approval of building plans had been previously given by the Board of Directors at its meeting on October 20.) Schedules call for a new administration building to begin in the near future, with completion in the fall of 1959. Barber and McMurry, Knoxville architect-engineers, designed the building.

ENGINEERING COLLEGE ADMINISTRATIVE COUNCIL

Membership in the Engineering College Administrative Council is institutional. Each institutional member, active or associate, is entitled to appoint one representative to the Engineering College Administrative Council. Representatives of those institutions which have associate membership shall have all the privileges of the representatives of the institutions which hold active membership except the privilege of voting and of holding office.

The purposes of the Engineering College Administrative Council are stated in the constitution of ASEE, Article VIII. These purposes can be summarized essentially as those problems which relate to administrative matters in the operation of engineering colleges and to disseminate information on those problems to the membership and the public.

ECAC Officers, 1958–59

R. A. Morgen, *Chairman*, Purdue Research Foundation, Lafayette, Ind.
H. E. Wessman, *Secretary*, University of Washington, Seattle, Wash.
Executive Committee: G. B. Carson, Ohio State University, Columbus, Ohio; A. T. Granger, University of Tennessee, Knoxville 16, Tenn.; L. H. Johnson, Tulane University, New Orleans, La.; G. A. Marston, University of Massachusetts, Amherst, Mass.; R. H. Roy, Johns Hopkins University, Baltimore, Md.

ECAC Committees

International Relations: J. G. Young, *Chairman*, University of Michigan; Merl Baker, Kentucky Research Foundation; H. W. Bibber, Union College; Harold Flinsch; University of South Carolina; K. C. Harder, Office of Naval Research; S. B. Ingram, Bell Telephone Laboratories; H. T. Maser, General Electric Company; W. R. Weems, Massachusetts Institute of Technology

Military Affairs: L. H. Johnson, *Chairman*, Tulane University; H. W. Barlow, Washington State College; H. A. Bolz, Ohio State University; A. S. Campbell, University of Maine; J. R. Cudworth, University of Alabama; T. H. Evans, Colorado State University; G. A. Marston, University of Massachusetts; J. R. Van Pelt, Michigan College of Mining and Technology; Harold Torgersen, University of Connecticut.

Secondary Schools: A. R. Spalding, *Chairman*, Purdue University; Robert Boarts, University of Tennessee; N. L. Freeman, New York State Education Dept.; G. Ross Henninger, Ohio Mechanics Institute; D. C. Jackson, Aberdeen Proving Ground; A. Pemberton Johnson, Newark College of Engineering; W. D. McIlvaine, University of Michigan; G. A. Rietz, General Electric Company; H. P. Skamser, California State Polytechnic College; Otto J. M. Smith, University of California.

Selection and Guidance: A. Pemberton Johnson, *Chairman*, Newark College of Engineering; D. S. Bridgman, President's Committee on Scientists and Engineers; J. R. Cudworth, University of Alabama; J. W. Dean, Westinghouse Corporation; R. C. Ernst, University of Kentucky; John Gillespie, Ohio Mechanics Institute; A. R. Hellwarth, University of Michigan; E. D. Howe, University of California; Frank Kerekes, Michigan College of Mining and Technology; D. H. Moyer, Cornell University; M. E. Norton, General Electric Company; D. R. Saunders, Educational Testing Service; H. P. Skamser, California State Polytechnic College; L. G. Smith, Baltimore Gas & Electric Company; A. R. Spalding, Purdue University; D. L. Trautman, Jr., Ford Foundation; J. G. Young, University of Michigan; C. H. Stephans, Newark College of Engineering

(Ad Hoc) Committee to Study Accreditation by Individual States: E. C. Easton, Rutgers University; W. L. Everitt, University of Illinois; G. A. Marston, University of Massachusetts

Nominating: E. C. Easton, *Chairman,* Rutgers University; W. L. Everitt, University of Illinois; J. H. Lampe, North Carolina State College

Manpower Committee: D. L. Pyke, *Chairman,* The Ramo-Wooldridge Corp.; H. H. Armsby, Department of Health, Education and Welfare; R. W. Cain, Bureau of Labor Statistics; W. T. Cavanaugh, Engineers Joint Council; Harold Hertenstein, McDonnell Aircraft Corporation; S. B. Ingram, Bell Telephone Laboratories; G. D. Lobingier, Westinghouse Electric Corporation; D. C. Metz, University of Dayton; Bernard Michael, U. S. Department of Labor; Harold Torgersen, University of Connecticut; F. W. Trezise, Chicago Undergraduate Division, University of Illinois; M. H. Trytten, National Academy of Sciences

ASEE–AEC SUMMER INSTITUTES, 1959

Six Institutes on Nuclear Energy for engineering educators will be held this summer under the sponsorship of the Atomic Energy Commission and ASEE. Five are for teachers in engineering colleges with ECPD-approved curricula. The sixth is a basic course for teachers in technical institutes.

The two basic Institutes will be a combination of a program at a university and a national laboratory. The dates are June 22-August 14. One will be held at North Carolina State College and Oak Ridge National Laboratory, and the other at Cornell University and Brookhaven National Laboratory. Each has a quota of from 25 to 30 participants.

The advanced Institutes, with quotas of from 20 to 25 participants each, will be held June 22 to August 14. At the University of Michigan, a course on reactor design and operation will be presented. At the Argonne National Laboratory an Institute will take up specialized nuclear studies. And at the Hanford Laboratories a course will be offered in chemical processing.

The course for teachers in technical institutes, with a quota of 25–30 participants, will be held at the Pennsylvania State University June 29–August 7 and at Argonne National Laboratory August 10–21.

Attendees will be selected by subcommittees of the ASEE Nuclear Committee on the basis of experience and instructional use to be made of the training. The attendee's institution must contribute one month's salary in addition to his salary for the academic year. The AEC will match this up to $750, plus travel allowance. Applications may be obtained from deans of engineering, directors of technical institutes, or ASEE headquarters. They should be returned to Prof. W. L. Collins, Secretary of ASEE, University of Illinois, Urbana, Illinois, by March 1, 1959.

SOCIETY COMMITTEES, 1958-59

Annual Meeting: E. C. Easton, *Chairman,* Rutgers University, New Brunswick, N. J.; Merl Baker, G. R. Fitterer, Walton Forshall, J. C. Gebhard, E. D. Howe, Glenn Murphy, W. I. Short, B. R. Teare, Jr., L. M. Vallely, W. Leighton Collins, *ex officio*

ASTM–ASEE Symposium on Teaching of Materials (ad hoc): Glenn Murphy, *Chairman* of ASEE group, R. M. King, L. P. Mains, K. B. Woods

Awards Policy: H. O. Croft, *Chairman,* University of Missouri, Columbia, Mo.; J. C. Elgin, W. R. Woolrich

Constitution and By-Laws: W. P. Kimball, *Chairman,* Dartmouth College, Hanover, N. H.; H. W. Barlow, C. A. Brown, L. K. Downing, L. E. Grinter, V. S. Haneman, Jr.

Curtis W. McGraw Research Award: (See ECRC for Committee personnel)

Development of Engineering Faculties: H. L. Hazen, *Chairman,* Massachusetts Institute of Technology, Cambridge, Mass.; R. E. Bolz, J. C. Boyce, D. S. Bridgman, W. L. Everitt, M. D. Hooven, W. C. White, H. A. Foecke, Project Director

Division Activities — General: Glenn Murphy, *Chairman,* Iowa State College, Ames, Ia.; Committee members are chairmen and General Council Representatives of the following Divisions: Cooperative Engineering Education, Educational methods, Evening Engineering Education, Graduate Studies, Relations with Industry, Technical Institute; and Chairmen of the following Committees: Ethics, Graduate Study Project, YET Study Committee (*ad hoc*); and Young Engineering Teachers

Division Activities — Instructional and Curricula: E. C. Easton, *Chairman,* Rutgers University, New Brunswick, N. J.; Committee members are chairmen and General Council Representatives of the following Divisions: Aeronautical, Agricultural, Architectural, Chemical, Civil, Electrical, Engineering Drawing, Engineering Economy, English, Humanistic-Social, Industrial Engineering, Mathematics, Mechanical, Mechanics, Mineral, Physics, and Chairmen of the following Committees: Engineering School Libraries, Nuclear Committee

Editorial: P. T. Bryant, *Chairman,* University of Illinois, Urbana, Ill. Membership composed of Division and Committee Editors

Educational Mission to India (ad hoc): W. E. Stirton, Director; N. W. Dougherty, Deputy Director; D. G. Carter, J. C. Georgian, W. C. Huntington, R. W. Sorensen; Leslie Mayberry, Secretary

EJC Study (ad hoc): J. H. Davis, *Chairman,* Stevens Institute of Technology, Hoboken, N. J.; W. T. Alexander, H. H. Armsby, W. L. McCabe, C. W. Muhlenbruch, K. F. Wendt, R. J. Woodrow

Engineering Education Exchange Mission to Russia (ad hoc): F. C. Lindvall, *Chairman,* California Institute of Technology, Pasadena, Cal.; W. L. Everitt, N. A. Hall

Engineering School Libraries: Jeanette Poor, *Chairman,* Cornell University, Ithaca, N. Y.; R. E. Betts, Marguerite Chamberlain, D. M. Crosland, Madeleine Gibson, A. R. Krull, Pearl G. Lewis, R. H. Moody, E. C. McClintock, Jr., J. H. Moriarty, Mary F. Pinches, I. A. Tumbleson

Ethics: W. W. Burton, *Chairman,* Minnesota Mining and Manufacturing Co., St. Paul, Minn.; F. T. Agthe, F. L. Cason, N. A. Christensen, C. S. Crouse, J. D. Davis, C. A. Dunn, P. G. Ellis, R. A. Emerson, J. W. Graham, Jr., L. Helander, E. F. Obert, S. P. Olmsted, R. L. Peurifoy, R. E. Swift

Financial Policy: R. J. Woodrow, *Chairman,* Princeton University, Princeton, N. J.; M. M. Boring, C. C. Chambers, Thorndike Saville, W. C. White, W. L. Collins, *ex officio,* John Gammell, *ex officio*

George Westinghouse Award: E. F. Obert, *Chairman,* University of Wisconsin, Madison, Wis.; G. N. Cox (1959), T. H. Evans (1961), W. K. LeBold (1960), E. J. Lindahl (1961), G. A. Marston (1959), W. M. Rohsenow (1962), D. W. Ver Planck (1962), G. D. Lobingier, *ex officio*

Honorary Membership: G. W. Farnham, *Chairman,* The Ronald Press, New York City, N. Y. (1960); W. B. Boast (1959), A. B. Bronwell (1959), M. M. Boring (1960), E. L. Grant (1960), L. E. Grinter (1959), W. D. Jordan (1961), F. C. Lindvall (1961), E. W. Schilling (1961)

Ideal Registration Law: J. H. Sams, *Chairman,* Clemson College; G. F. Branigan, A. S. Janssen

Industrial Fellowship: M. M. Boring, *Chairman,* Scotia, N. Y. (1961); T. W. Bonner (1960), C. M. Burrill (1961), M. E. Forsman (1960), P. F. Keim (1961), S. S. Kistler (1959), W. A. Lewis (1960), R. J. Martin (1961), R. A. Morgen (1959), J. F. Downie Smith (1960), H. E. Wessman (1959), H. P. Wile (1959)

Industrial Membership: W. D. McIlvaine, Jr., *Chairman,* Ramo Wooldridge Corp., Los Angeles, Calif.; F. E. Allen, B. H. Amstead, John Avery, B. C. Baker, Merl Baker, H. R. Bintzer, B. C. Boulton, B. B. Bright, W. Leighton Collins, R. O. Darling, H. W. Gouldthorpe, H. E. Heath, W. G. Ireson, M. S. Ketchum, G. D. Lobingier, H. E. McCallick, A. D. Preston, D. L. Pyke, C. E. Schaffner, C. Wandmacher, E. W. Boehne

International Relations: (See ECAC for Committee personnel)

James H. McGraw Technical Institute Award: R. Warren Marsh, *Chairman,* Erie County Technical Institute, Buffalo, N. Y. (1960); G. Ross Henninger (1961), C. S. Jones (1960), D. C. Metz (1959), K. R. Miller (1959), M. W. Roney (1961), A. Ray Sims (1961), K. L. Holderman, *ex officio*

Judging of the YET Paper Contest: Margaret D. Blickle, *Chairman,* Ohio State University, Columbus, Ohio; S. W. Chapman, W. B. Snow

Lamme Award: J. H. Sams, *Chairman,* Clemson College, Clemson, S. C. (1959); R. S. Burington (1961), J. C. Calhoun (1961), R. E. Fadum (1960), H. B. Gotaas (1962), E. D. Howe (1959), M. R. Lohmann (1962), D. H. Pletta (1962), J. T. Rettaliata (1960), R. L. Sweigert (1961), G. A. Rosselot (1960)

Loss of Faculty to Industry (ad hoc): A. R. Hellwarth, *Chairman,* University of Michigan, Ann Arbor, Mich.; L. R. Baker, M. M. Boring, D. S. Bridgman, H. L. Hazen, J. Stuart Johnson, L. H. Lamouria, D. L. Pyke, R. W. Van Houten

Manpower: (See ECAC for Committee personnel)

Military Affairs: (See ECAC for Committee personnel)

National Legislation: H. K. Work, *Chairman,* New York University, New York, N. Y. (1959); T. S. Crawford (1960), J. C. Elgin (1961), Walter Hartung (1960), H. Meyerhoff (1959), R. A. Morgen (1961), Paul Robbins (1959), W. T. Cavanaugh (1959)

Nominating Committee: M. M. Boring, *Chairman,* Scotia, N. Y.; V. J. Blum, H. L. Bowman, G. W. Bradshaw, E. C. Clark, D. W. Dutton, W. L. Everitt, W. L. Forstall, E. K. Hamlen, J. O. Hougen, F. C. Lindvall, E. F. Littleton, S. P. Olmsted, Haim Reingold, K. W. Riddle, R. J. Seeger, Samuel Seely, L. Z. Seltzer, F. L. Singer, J. F. D. Smith, K. O. Werwath, D. E. Whelan, Jr.

Nominating—ECAC: (See ECAC for Committee personnel)

Nominating—ECRC: (See ECRC for Committee personnel)

Nuclear: R. W. Moulton, *Chairman,* University of Washington, Seattle, Wash.; H. R. Beatty, C. F. Bonilla, L. B. Borst, W. H. Crew, C. E. Dryden, H. J. Gomberg, H. Isbin, G. D. Lobingier, Harold Lurie, R. J. Martin, L. V. McLean, Glenn Murphy, F. E. Myers, R. A. Patterson, D. S. Roberts, C. O. Smith, E. A. Trabant, M. W. White

Planning: S. C. Hollister, *Chairman,* Cornell University, Ithaca, N. Y. (1959); H. R. Bintzer (1960), A. B. Bronwell (1959), C. A. Brown (1960), D. C. Drucker (1961), L. E. Grinter (1959), F. C. Lindvall (1961), B. R. Teare, Jr., (1959), E. A. Walker (1959)

Program—ECRC: (See ECRC for Committee personnel)

Publications: W. Leighton Collins, *Chairman,* University of Illinois, Urbana, Ill.; R. F. Bitner, P. T. Bryant, Renato Contini, W. L. Everitt, W. C. Laity, M. E. Van Valkenberg, H. E. Wessman

Publications—ECRC: (See ECRC for Comittee personnel)

Public Information: J. I. Mattill, *Chairman,* Massachusetts Institute of Technology, Cambridge, Mass.; Irving Blumenfeld, John Bolton, H. G. Botset, P. T. Bryant, W. T. Cavanaugh, G. U. Cleeton, R. O. Darling, C. C. Hall, Stanley R. March, G. Carleton Pearl, G. A. Speers, Robert Wycoff

Relations with Federal Government: (See ECRC for Committee personnel)

Relations with Industrial Research Agencies: (See ECRC for Committee personnel)

Relations with NSF (ad hoc): R. H. Roy, *Chairman,* Johns Hopkins University, Baltimore, Md.: G. B. Carson, Carl Chambers, R. A. Morgen, Gene Nordby

Research Administration: (See ECRC for Committee personnel)

Research Capabilities in Engineering Colleges: (See ECRC for Committee personnel)

Secondary Schools: (See ECAC for Committee personnel)

Sections and Branches—*Eastern:* R. W. Van Houten, *Chairman,* Newark College

of Engineering, Newark, N. J.; Committee Members: Chairmen and General Council Representatives of the following Sections: Allegheny, Illinois-Indiana, Michigan, Middle Atlantic, National Capital Area, New England, Ohio, Southeastern, Upper New York-Ontario; and Chairmen of the following Branches: University of Alabama, Clarkson College, University of Detroit, University of Florida, University of Illinois, Navy Pier, Chicago, Illinois, University of Maine, North Carolina State College, Northeastern University, Purdue University, University of Tennessee

Sections and Branches—*Western:* C. L. Eckel, *Chairman,* University of Colorado, Boulder, Colo.; Committee Members: Chairmen and General Council Representatives of the following Sections: Kansas-Nebraska, Missouri-Arkansas, North Midwest, Pacific Northwest, Pacific Southwest, Rocky Mountain, Southwestern; and Chairmen of the following Branches: Colorado State University, Colorado School of Mines, University of Colorado, Michigan College of Mining & Technology, University of Minnesota, Texas A. & M. College, State College of Washington, University of Washington

Selection and Guidance: (See ECAC for Committee personnel)

Technical Institute Education Committee: S. C. Hollister, *Chairman,* Cornell University, Ithaca, N. Y.; M. R. Graney, Jeanne Miller, L. F. Smith, B. C. Boulton

National Survey of Technical Institute Education: K. L. Holderman, *Chairman,* Pennsylvania State University, University Park, Pa.; H. R. Beatty, M. M. Boring, C. J. Freund, G. A. Gullette, G. R. Henninger, R. L. Shurter, L. F. Smith

Textile Engineering: M. J. Lydon, *Chairman,* Lowell Technological Institute, Lowell, Mass.; C. L. Adams, Stanley Backer, H. A. Dickert, C. F. Edlund, R. K. Flege, W. J. Hamburger, M. E. Heard, G. E. Hopkins, L. A. Runton, E. P. Stevenson, J. L. Taylor

To Study Accreditation by Individual States (ad hoc): (See ECAC for Committee personnel)

Vincent Bendix Award: (See ECRC for Committee personnel)

Young Engineering Teachers: J. G. Richter, *Chairman,* Pennsylvania State University; J. H. Weinstein, L. Bryce Andersen, T. I. Lyon, T. H. Rockwell, J. M. Moore, Barbara C. Billings

YET Study (ad hoc): S. H. Pierce, *Chairman,* University of Illinois, Urbana, Ill.; R. M. Boarts, L. D. Conta, V. L. Doughtie, E. D. Howe, J. G. Richter, C. R. Vail

OFFICERS OF DIVISIONS, 1958-59

Aeronautical:

Chairman: Col. G. C. Clementson, USAF Academy, Lowry AFB, Colo.

V. Chairman: E. W. Anderson, Iowa State College, Ames, Iowa

Secretary: J. J. Cleary, North Carolina State College, Raleigh, N. Car.

Repr.: L. Z. Seltzer, West Virginia University, Morgantown, W. Va.

Editor: V. S. Haneman, Jr., Air Force Institute of Technology, Wright-Patterson AFB, Ohio

Program Chm.: A. L. Cronk, Texas A. & M. College, College Station, Tex.

Exec. Comm.: G. C. Clementson, J. J. Cleary, B. C. Boulton, J. W. Hoover, E. W. Anderson, D. W. Dutton, H. M. DeGroff, H. S. Stillwell, V. S. Haneman, Jr., A. L. Cronk

Agricultural:

Chairman: F. B. Lanham, University of Illinois, Urbana, Ill.

V. Chairman: E. T. Swink, Virginia Polytechnic Institute, Blacksburg, Va.

Secretary: R. A. Palmer, ASAE, St. Joseph, Mich.

Repr.: G. E. Spencer, Purdue University, Lafayette, Ind.

Editor: J. Basselman, ASAE, St. Joseph, Mich.

Exec. Comm.: F. B. Lanham, E. T. Swink, R. A. Palmer, G. E. Spencer, G. G. McKibben

Program Chm.: G. E. Pickard, University of Illinois, Urbana, Ill.

Architectural:

Chairman: R. E. Means, Oklahoma State University, Stillwater, Okla.

V. Chairman: M. W. Isenberg, Pennsylvania State University, University Park, Pa.

Secretary: C. K. Wang, University of Illinois, Urbana, Ill.

Repr.: A. J. McGaw, University of Wyoming, Laramie, Wyo.

Exec. Comm.: R. E. Means, C. K. Wang, M. W. Isenberg, A. J. McGaw

Program Chm.: M. W. Isenberg, Penn. State University, University Park, Pa.

Chemical:

Chairman: M. H. Chetrick, University of Louisville, Louisville, Ky.

V. Chairman: H. P. Munger, Syracuse University, Syracuse, N. Y.

Secretary: C. R. Wilke, University of California, Berkeley, Cal.

Repr.: J. O. Hougen, Monsanto Chemical Co., St. Louis, Mo.

Program Chm.: M. H. Chetrick, University of Louisville, Louisville, Ky.

Civil:

Chairman: R. C. Brinker, Texas Western College, El Paso, Tex.

V. Chairman: L. K. Downing, Howard University, Washington 1, D. C.

Secretary: G. R. Shaw, Rensselaer Polytechnic Institute, Troy, N. Y.

Repr.: B. A. Whisler, Pennsylvania State University, University Park, Pa.

Exec. Comm.: R. C. Brinker, L. K. Downing, B. A. Whisler, G. R. Shaw, C. K. Wang, R. E. Stiemke, E. E. Johnson, A. T. Granger, W. S. LaLonde, Jr., P. F. Keim

Program Chm.: L. K. Downing, Howard University, Washington 1, D. C.

Cooperative Education:

Chairman: J. L. Cain, Virginia Polytechnic Institute, Blacksburg, Va.

V. Chairman: J. W. Harkey, Southern Methodist University, Dallas, Tex.

Secretary: M. J. Vaccaro, National Advisory Committee on Aeronautics, Cleveland 11, Ohio

Repr.: E. K. Hamlen, University of Akron, Akron, Ohio

Exec. Comm.: J. L. Cain, J. W. Harkey, M. J. Vaccaro, E. K. Hamlen, R. L. Wooldridge

Program Chm.: J. W. Harkey, Southern Methodist University, Dallas, Tex.

Educational Methods:

Chairman: C. E. Schaffner, Polytechnic Institute of Brooklyn, Brooklyn, N. Y.

V. Chairman: H. W. Case, University of California, Los Angeles, Cal.

Secretary: W. K. LeBold, Purdue University, Lafayette, Ind.

Repr.: H. I. Tarpley, Pennsylvania State University, University Park, Pa.

Exec. Comm.: H. W. Case, W. K. LeBold, H. I. Tarpley, E. K. Kraybill, Philip Nudd, H. A. Foecke

Program Chm.: H. W. Case, University of California, Los Angeles, Cal.

Electrical Engineering:

Chairman: A. V. Eastman, University of Washington, Seattle, Wash.

V. Chairman: J. H. Mulligan, New York University, New York, N. Y.

Secretary: W. B. Boast, Iowa State College, Ames, Iowa

Repr.: S. Seely, Case Institute of Technology, Cleveland, Ohio

Exec. Comm.: A. V. Eastman, J. H. Mulligan, Jr., W. B. Boast, S. Seely, J. Stuart Johnson

Engineering Economy:

Chairman: F. A. Gitzendanner, Standard Oil Co., Whiting, Ind.

V. Chairman: N. N. Barish, New York University, New York, N. Y.

Secretary: G. J. Matchett, Illinois Institute of Technology, Chicago, Ill.

Repr.: A. R. Gruehr, Polytechnic Institute of Brooklyn, Brooklyn, N. Y.

Exec. Comm.: F. A. Gitzendanner, N. N. Barish, G. J. Matchett, A. R. Gruehr, J. B. Weaver, A. Lesser, Jr., B. E. Goetz, E. D. Ayres, E. L. Grant, G. A. Taylor

Engineering Graphics:

Chairman: J. S. Rising, Iowa State College, Ames, Iowa

V. Chairman: A. Jorgensen, University of Pennsylvania, Philadelphia, Pa.

Secretary: Irwin Wladaver, New York University, New York, N. Y.

Repr.: J. J. Gerardi, University of Detroit, Detroit, Mich.

Editor: W. L. Shick, University of Illinois, Urbana, Ill.

Exec. Comm.: J. S. Rising, A. Jorgensen, I. Wladaver, J. J. Gerardi, W. L. Shick, W. J. Luzadder, C. J. Vierck, J. H. Porsch, M. McNeary, B. L. Wellman, E. D. Black, R. H. Hammond, A. P. McDonald, E. M. Griswold

Program Chm.: J. S. Rising, Iowa State College, Ames, Iowa & A. Jorgensen, University of Pennsylvania, Philadelphia, Pa.

English:

Chairman: J. S. Cook, Pennsylvania State University, University Park, Pa.

V. Chairman: J. W. Souther, University of Washington, Seattle, Wash.

Secretary: F. R. Smith, AF Inst. of Technology, Wright-Patterson Air Force Base, Ohio

Repr.: G. J. Christensen, Lehigh University, Bethlehem, Pa.

Exec. Comm.: J. S. Cook, J. W. Souther, F. R. Smith

Program Chm.: J. W. Souther, University of Washington, Seattle, Wash.

Evening Engineering Education:

Chairman: E. A. Salma, New York University, University Heights, New York 53, N. Y.

V. Chairman: Sidney Ingram, Bell Telephone Lab., 463 West St., New York, N. Y.
Secretary: W. R. Turkes, University of Pittsburgh, Pittsburgh, Pa.
Repr.: K. W. Riddle, Drexel Institute of Technology, Philadelphia, Pa.
Exec. Comm.: E. A. Salma, Sidney Ingram, W. R. Turkes, K. W. Riddle

Graduate Studies:
Chairman: W. C. Stoker, Rensselaer Polytechnic Inst., Hartford, Conn.
V. Chairman: J. L. Meriam, University of California, Berkeley, Cal.
Secretary: D. H. Pletta, Virginia Polytechnic Institute, Blacksburg, Va.
Repr.: P. F. Chenea, Mass. Institute of Technology, Cambridge, Mass.
Exec. Comm.: E. E. Litkenhous, T. L. Martin, F. T. Mavis, G. D. Lobingier
Program Chm.: W. C. Stoker, Hartford Graduate Div., Rensselaer Poly. Inst., East Windsor Hill, Conn.

Humanistic-Social:
Chairman: A. A. Lawrence, Coast Guard Academy, New London, Conn.
V. Chairman: W. H. Davenport, Harvey Mudd College, Claremont, Cal.
Secretary: A. D. Chandler, Massachusetts Institute of Technology, Cambridge, Mass.
Repr.: S. P. Olmsted, Rensselaer Polytechnic Institute, Troy, N. Y.
Editor: A. V. Hall, 6225 Nelson Ave., West Vancouver, British Columbia
Exec. Comm.: A. A. Lawrence, W. H. Davenport, A. D. Chandler, S. P. Olmsted, A. V. Hall, H. M. Chapman, G. A. Gullette, A. A. Hobgood, C. W. Condit, D. G. Stillman, P. E. Mohn, T. A. Farrell, E. Lurie, W. F. Edington, E. Elliott, B. Whitlock

Industrial Engineering:
Chairman: G. Nadler, Washington University, St. Louis, Mo.
V. Chairman: R. G. Carson, North Carolina State College, Raleigh, N. Car.
Secretary: H. T. Amrine, Purdue University, Lafayette, Ind.
Repr.: A. F. Gould, Lehigh University, Bethlehem, Pa.
Editor: J. L. Imhoff, University of Arkansas, Fayetteville, Ark.
Exec. Comm.: G. Nadler, R. G. Carson, H. T. Amrine, A. F. Gould, G. L. Thuering
Program Chm.: G. Nadler, Washington University, St. Louis, Mo.

Mathematics:
Chairman: H. A. Giddings, New York University, New York, N. Y.
V. Chairman: S. Selby, University of Akron, Akron, Ohio
Secretary: W. E. Restemeyer, University of Cincinnati, Cincinnati, Ohio
Repr.: H. Reingold, Illinois Institute of Technology, Chicago, Ill.
Exec. Comm.: H. A. Giddings, S. Selby, W. E. Restemeyer, H. Reingold, G. B. Thomas, W. G. Warnock, C. R. Wylie
Program Chm.: H. A. Giddings, Department of Mathematics, New York University, New York, N. Y.

Mechanical Engineering:
Chairman: D. L. Perkins, Wayne State University, Detroit, Mich.
Prog. and V. Chairman: V. L. Doughtie, University of Texas, Austin, Tex.
Secretary: J. Modrey, Union College, Schenectady, N. Y.
Repr.: E. J. Lindahl, University of Wyoming, Laramie, Wyo.
Exec. Comm.: D. L. Perkins, V. L. Doughtie, J. Modrey, E. J. Lindahl, H. J. Stoever
Heat Power Subdivision:
Chairman: A. B. Cambel, Northwestern University, Evanston, Ill.
V. Chairman: V. M. Faires, North Carolina State College, Raleigh, N. Car.
Secretary: A. K. Oppenheim, University of California, Berkeley, Cal.
Editor: C. O. Anderson, North Dakota State College, Fargo, N. Dak.
Program: A. B. Cambel, Northwestern University, Evanston, Ill.
Machine Design & Manufacturing
Processes Subdivision:
Chairman: E. E. Day, University of Washington, Seattle, Wash.
V. Chairman: A. S. Hall, Purdue University, Lafayette, Ind.
Secretary: R. M. Phelan, Cornell University, Ithaca, N. Y.
Program Chm.: E. E. Day, University of Washington, Seattle, Wash.

Mechanics:
Chairman: P. F. Chenea, Massachusetts Institute of Technology, Cambridge, Mass.
Secretary: V. S. Haneman, Jr., AF Inst. of Technology, Wright-Patterson Air Force Base, Ohio
Editor: A. W. Davis, Iowa State College, Ames, Iowa
Repr.: F. L. Singer, New York University, New York, N. Y.
Program Chm.: D. R. Carver, Louisiana State University, Baton Rouge, La.

Exec. Comm.: P. F. Chenea, R. L. Flanders, A. Higdon, L. A. Smith, D. R. Carver, J. O. Smith, E. J. Marco, E. P. Popov, F. L. Singer, A. W. Davis, V. S. Haneman, Jr.

Mineral Engineering:

Chairman: W. W. Kriegel, North Carolina State College, Raleigh, N. Car.

V. Chairman: L. J. Parkinson, Colorado School of Mines, Golden, Colo.

Secretary: R. E. Swift, University of Kentucky, Lexington, Ky.

Repr.: C. L. Wilson, Missouri School of Mines and Metallurgy, Rolla, Mo.

Editor: W. W. Kriegel, North Carolina State College, Raleigh, N. Car.

Exec. Comm.: W. W. Kriegel, L. J. Parkinson, R. E. Swift, C. L. Wilson

Physics:

Chairman: F. E. Myers, Argonne National Laboratory, Lemont, Ill.

V. Chairman: R. Resnick, Rensselaer Polytechnic Institute, Troy, N. Y.

Secretary: A. M. Johnson, Montana State College, Bozeman, Mont.

Repr.: R. J. Seeger, National Science Foundation, Washington, D. C.

Editor: Clarence Bennett, University of Maine, Orono, Maine

Exec. Comm.: F. E. Myers, R. Resnick, A. J. M. Johnson, R. J. Seeger, C. Bennett, L. W. Seagandoller, A. B. Seaver, M. W. White

Program Chm.: R. Resnick, Rensselaer Polytechnic Inst., Troy, N. Y.

Relations with Industry:

Chairman: H. R. Bintzer, Carnegie Institute of Technology, Pittsburgh 13, Pa.

V. Chairman: D. E. Erwin, General Electric Company, Schenectady, N. Y.

Secretary: G. K. Dreher, Steel Founders' Society of America, 606 Terminal Tower, Cleveland 13, Ohio

Repr.: J. F. Downie Smith, Carrier Corporation, Syracuse 1, N. Y.

Publicity Chm.: C. H. Ebert, Jr., Educational Dept., Westinghouse Electric Corp., East Pittsburgh, Pa.

Exec. Comm.: F. H. Berleth, H. R. Bintzer, J. M. English, S. Little, E. E. Bartleson, Cornelius Wandmacher, B. C. Baker, D. C. Hunt, W. D. McIlvaine, R. A. Emerson, C. W. Muhlenbruch

Program Chm.: B. C. Baker, Minnesota Mining & Mfg. Co., St. Paul, Minn.

RWI—Section liaison:

Allegheny: W. R. Turkes, University of Pittsburgh, Pittsburgh, Pa.

Ill.-Indiana: S. H. Pierce, University of Illinois, Urbana, Ill.

Kansas-Nebraska: F. J. McCormick, Kansas State College, Manhattan, Kans.

Michigan: R. O. Darling, General Motors Institute, Flint, Mich.

Middle Atlantic: F. W. Slantz, Lafayette College, Easton, Pa.

Missouri-Arkansas: John Senne, Washington University, St. Louis, Mo.

National Capital Area: R. L. Goetzenberger, Minn.-Honeywell Reg. Co., Chevy Chase, Md.

New England: L. B. Landall, Raytheon Mfg. Co., Waltham, Mass.

North Midwest: R. J. Panlener, Marquette University, Milwaukee, Wis.

Ohio: J. H. Toulouse, Owens-Illinois Glass Co., Toledo, Ohio

Pacific Southwest: L. H. Lamouria, University of California, Davis, Cal.

Rocky Mountain: G. W. LeMaire, Colorado School of Mines, Golden, Colo.

Southeastern: G. C. Williams, University of Louisville, Louisville, Ky.

Southwest: R. M. Adams, University of Houston, Houston, Tex.

Technical Institute:

Chairman: K. L. Holderman, Pennsylvania State University, University Park, Pa.

V. Chairman: A. R. Sims, University of Houston, Houston, Tex.

Secretary: L. V. Johnson, Southern Technical Institute, Chamblee, Ga.

Treasurer: D. C. Metz, University of Dayton, Dayton, Ohio

Repr.: K. O. Werwath, Milwaukee School of Engineering, Milwaukee, Wis.

Editor: Jeanne Miller, McGraw-Hill Book Co., New York, N. Y.

Exec. Comm.: K. O. Werwath, K. L. Holderman, D. C. Metz, C. S. Jones, Bonham Campbell, H. W. Hartley, A. Ray Sims, H. R. Beatty, Leverett Wenk, K. L. Burroughs, R. W. Marsh, W. K. Mayo, K. R. Miller, L. G. Morey, E. W. Smith, G. R. Henninger, L. V. Johnson, H. H. Kerr, E. H. Rietzke, M. W. Roney, C. J. Statt

Program Chm.: R. E. McCord, Mechanical Engineering Bldg., Pennsylvania State University, University Park, Pa.

OFFICERS OF SECTIONS, 1958-59

Allegheny:

Chairman: J. R. Smith, University of Pittsburgh
Vice Chairman: H. D. Sims, Bucknell University
Secretary: A. G. Holzman, University of Pittsburgh
Council Repr.: W. Forstall, Carnegie Institute of Technology
Exec. Comm.: J. R. Smith, H. D. Sims, A. G. Holzman, W. Forstall
RWI Liaison: W. R. Turkes, University of Pittsburgh

Illinois-Indiana:

Chairman: R. E. Gibbs, Bradley University
Vice Chairman: E. A. MacLean, Rose Polytechnic
Secretary: F. C. Mergen, Bradley University
Council Repr.: H. A. Moench, Rose Polytechnic
RWI Liaison: S. H. Pierce, University of Illinois
YET Repr.: A. P. Boresi, University of Illinois

Kansas-Nebraska:

Chairman: J. S. Blackman, University of Nebraska
Vice Chairman: D. L. Dean, Kansas University
Program Chairman: R. G. Nevins, Kansas State College
Secretary: B. M. Aldrich, University of Wichita
Exec. Comm.: J. S. Blackman, D. L. Dean, R. G. Nevins, B. M. Aldrich
Editor: B. M. Aldrich, University of Wichita
Council Repr.: G. W. Bradshaw, University of Kansas
YET Repr.: R. N. Shaw, Kansas State College

Michigan:

Chairman: M. M. Ryan, Lawrence Institute of Technology
Vice Chairman: Richard Schneidewind, University of Michigan
Secretary: L. L. Otto, Michigan State University
Council Repr.: H. M. Hess, Wayne State University
RWI Liaison: R. O. Darling, General Motors Corp.
YET Repr.: R. Kollin, Jr., Ford Community College
Physics Liaison: J. M. Biedenbach, General Motors Institute

Middle Atlantic:

Chairman: K. J. Moser, Stevens Institute of Technology
Vice Chairman: M. E. Norton, General Electric Co., Schenectady
Secretary: J. B. Baker, Drexel Institute of Technology
Council Repr.: H. L. Bowman, Drexel Institute of Technology
RWI Liaison: F. W. Slantz, Lafayette College
YET Repr.: J. H. Weinstein, Newark College of Engineering

Missouri-Arkansas:

Chairman: A. W. Schlechten, Missouri School of Mines
Vice Chairman: J. C. Hogan, University of Missouri
Secretary: D. Thompson, Missouri School of Mines
Council Repr.: V. J. Blum, Saint Louis University
RWI Liaison: John Senne, Washington University

National Capital Area:

Chairman: K. C. Harder, Office of Naval Research
Vice Chairman: M. A. Mason, George Washington University
Secretary: G. H. Hickox, Engineering Research & Development Laboratories
Council Repr.: H. H. Armsby, U. S. Office of Education
Exec. Comm.: D. W. Marlowe, K. C. Harder, L. A. Rubin, G. H. Hickox, M. A. Mason, H. H. Armsby
RWI Liaison: R. L. Goetzenberger, Minn.-Honeywell Regulator Co.
YET Repr.: L. A. Rubin, George Washington University

New England:

Chairman: G. A. Marston, University of Massachusetts
Secretary: J. S. Marcus, University of Massachusetts
Council Repr.: E. F. Littleton: Tufts University
RWI Liaison: L. B. Landall, Raytheon Manufacturing Company
YET Repr.: K. E. Scott, Worcester Polytechnic Institute
Physics Liaison: G. E. Bennett, University of Maine

North Midwest:

Chairman: E. H. Ohlsen, Iowa State College
Vice Chairman: R. J. Panlener, Marquette Univ.

Secretary: M. L. Rogness, Iowa State College
Council Repr.: A. B. Drought, Marquette Univ.
YET Repr.: E. Mikol, University of Wisconsin
RWI Liaison: T. J. Higgins, University of Wisconsin

Ohio Section:
Chairman: Maurice Graney, University of Dayton
Vice Chairman: N. R. Rimboi, Fenn College
Vice Chairman: V. S. Haneman, Air Force Institute of Technology
Secretary: P. T. Yarrington, The Ohio State University
Council Repr.: E. C. Clark, The Ohio State University
Exec. Comm.: Maurice Graney, N. R. Rimboi, V. S. Haneman, P. T. Yarrington, M. L. Smith, E. C. Clark
RWI Liaison: J. H. Toulouse, Owens-Illinois Glass Co.
YET Repr.: Raymond Stith, University of Dayton

Pacific Northwest:
Chairman: G. J. Herman, Montana State College
Vice Chairman: H. A. Saner, Montana State College
Secretary: H. L. Huffman, Montana State College
Council Repr.: A. S. Janssen, University of Idaho
YET Repr.: W. O. Keightley, Route 2, Bozeman, Mont.

Pacific Southwest:
Chairman: Bonham Campbell, University of California, Los Angeles, Cal.
Exec. V. Chmn.: Homer H. Grant, Jr., University of Southern California, Los Angeles, Calif.
Secretary: James S. Campbell, Univ. of Calif., Berkeley, Calif.
Treasurer: Martin P. Capp, San Diego State College, San Diego, Calif.
V. Chm. for Projects: Fridtjof Paulsen, San Mateo College, San Mateo, Calif.
V. Chm. for Affairs and Meetings: D. L. Trautman, Hughes Aircraft Co., Culver City, Calif.
V. Chm. for Studies: W. G. Plumtree, Los Angeles State College, Los Angeles, Calif.
Council Repr.: D. E. Whelan, Jr., Loyola Univ. of Los Angeles
Exec. Comm.: P. F. Keim, R. W. Prowell, N. O. Gunderson, D. L. Trautman
RWI Liaison: L. H. Lamouria, University of California, Davis

Rocky Mountain:
Chairman: C. H. Milligan, Utah State University
Vice Chairman: Archie Higdon, U. S. Air Force Academy
Secretary: A. G. Loveless, Utah State University
Council Repr.: Davis Bartholomew, Brigham Young University
RWI Liaison: G. W. LeMaire, Colorado School of Mines
YET Repr.: F. R. Bonanno, U. S. Air Force Academy

Southeastern:
Chairman: J. C. Reed, University of Florida
Secretary-Treas.: L. E. Schoonmaker, University of Florida
Council Repr.: D. W. Dutton, Georgia Institute of Technology
RWI Liaison: G. C. Williams, University of Louisville
YET Repr.: Charley Scott, Mississippi State College

Administrative Division:
Chairman: A. T. Granger, University of Tennessee
Vice Chairman: R. L. Sweigert, Georgia Institute of Technology
Secretary: R. E. Shaver, University of Kentucky

Instructional Division:
Chairman: B. L. Baker, University of South Carolina
Vice Chairman: E. K. Kraybill, Duke University
Secretary: J. S. Brown, Tennessee Polytechnic Institute

Research Division:
Chairman: R. G. Sturm, Sturm & O'Brien, Auburn, Ala.
Vice Chairman: M. H. Chetrick, University of Louisville
Sec.-Treas.: M. E. Forsman, University of Florida

Liaison With:
Physics: A. C. Menius, Jr., North Carolina State
Relations with Ind.: G. C. Williams, University of Louisville
Hum. Soc.: G. A. Gullette, North Carolina State
Mathematics: A. W. Aylor, University of Virginia
Graduate Study: B. J. Covington, Louisiana State University
Coop. Engineering: S. E. Fisher, University of Louisville
Educ. Methods: H. A. Romanowitz, University of Kentucky

Aero. Engineering: F. S. Edwards, Mississippi State
Chemical Engr.: C. E. Littlejohn, Clemson
Civil Engr.: E. S. Fabian, University of Tennessee
Electrical Engr.: R. D. Bourne, Vanderbilt University
Engr. Drawing: W. E. Dessauer, Tulane University
Engr. Mechanics: J. T. Painter, Louisiana Polytechnic Institute
Mechanical Engr.: J. W. Lindau, University of South Carolina

Southwest:
Chairman: I. W. Santry, Southern Methodist University
Vice Chairman: F. Bromilow, New Mexico College of A. & M. Arts
Secretary: Jack Lenhart, University of Texas
Council Repr.: R. L. Langenheim, University of Tulsa
Exec. Comm.: I. W. Santry, F. Bromilow, Jack Lenhart, R. A. Langenheim, plus one member from each institution
Physics Liaison: H. E. Harrington, Oklahoma State University
RWI Liaison: R. M. Adams, University of Houston
YET Repr.: B. H. Amstead, University of Texas

Upper New York-Ontario:
Chairman: W. W. Shuster, Rensselaer Polytechnic Institute
Vice Chairman: C. W. Fogel, University of Buffalo
Secretary: K. R. Gulden, Rensselaer Polytechnic Institute
Council Repr.: R. B. Russ, Union College

OFFICERS OF BRANCHES, 1958-59

University of Alabama: R. Q. Shotts, *Chairman;* C. H. Bryan, *Vice Chairman;* W. B. Stiles, *Secretary.*

Clarkson College: R. A. Wyant, *Chairman;* A. Straub, *Vice Chairman.*

Colorado State University: M. E. Bender, Jr., *Chairman;* R. D. LaRue, *Vice Chairman;* A. Budak, *Secretary.*

Colorado School of Mines: J. T. Williams, *Chairman;* J. T. Haun, *Vice Chairman;* H. A. Babcock, *Secretary.*

University of Colorado: Walter Weers, *Chairman;* Loyd D. Ball, *Secretary.*

University of Detroit: George M. Chute, *Chairman;* T. Janisz, *Vice Chairman;* E. Szczepaniak, *Secretary.*

University of Florida: C. E. Huckaba, *Chairman;* J. C. Reed, *Vice Chairman;* A. C. Kleinschmidt, *Secretary.*

University of Illinois, Navy Pier Div.: E. H. Coe, *President;* M. V. J. Dembski, *Vice President;* J. De Filipps, *Secretary;* A. Pabarcius, *Treasurer.*

Lafayette College: K. K. Feridun, *Chairman;* A. P. Powell, *Vice Chairman;* L. J. McGeady, *Secretary.*

University of Maine: J. Lyman, *Chairman;* R. Durst, *Vice Chairman and Treasurer;* O. Sproul, *Secretary.*

Michigan College of M. & T.: G. W. Boyd, *Chairman;* R. A. Janke, *Vice Chairman;* M. S. Lind, *Secretary.*

University of Minnesota: G. W. McElrath, *Chairman;* W. E. Ibele, *Vice Chairman;* A. A. Blatherwick, *Secretary.*

North Carolina State College: N. L. Nemerow, *Chairman;* L. Harrisberger, *Vice Chairman;* K. McKean, *Secretary;* H. Speece, *Corresponding Secretary.*

Northeastern University: A. R. Foster, *Chairman;* J. H. Lenny, *Secretary.*

Purdue: T. J. Herrick, *Chairman;* E. C. Thoma, *Vice Chairman;* K. Wark, Jr., *Secretary.*

University of Tennessee: W. O. Harms, *Chairman;* C. H. Weaver, *Vice Chairman;* R. E. Bullock, *Secretary.*

Texas A. & M. College: K. F. Robinson, *Chairman;* C. F. DeVilbiss, *Vice Chairman;* E. H. Andrew, Jr., *Secretary and Treasurer.*

State College of Washington: R. M. Halleen, *Chairman;* D. L. Bassett, *Vice Chairman;* L. B. Craine, *Secretary.*

University of Washington: J. A. Higbee, *Chairman;* R. Joppa, *Vice Chairman;* H. Mittet, *Secretary-Treasurer.*

Representatives of the Society to Other Organizations

To the American Association for the Advancement of Science:

REPRESENTATIVES TO COUNCIL: J. H. Lampe, H. A. Meyerhoff, Alternates: T. J. Killian, C. C. Chambers.

COOPERATIVE COMMITTEE ON TEACHING OF SCIENCE AND MATHEMATICS: J. W. Cell.

American Council on Education:

S. C. Hollister (1959); B. R. Teare, Jr. (1959); A. B. Bronwell (1960); W. L. Everitt (1960); A. G. Conrad (1961); T. J. Higgins (1961).

American Public Health Association:

COMMITTEE ON TRAINING: G. H. Dunstan.

American Sanitary Engineering Inter-Society Board:

G. H. Dunstan (1959), Rolf Eliassen (1960), J. E. Kiker, Jr. (1961).

American Society of Civil Engineering:

JOINT COMMITTEE ON ADVANCEMENT OF SANITARY ENGINEERING: J. C. Dietz, G. H. Dunstan, J. E. Kiker.

American Standards Association:

Y1—ABBREVIATIONS: J. H. Porsch.

Y10—SYMBOLS AND ABBREVIATIONS: W. A. Lewis, Chairman, P. J. Kiefer, W. B. Plank, C. C. Whipple.

SUB-COMMITTEE Z 10.4-1943—Letter Symbols for Heat and Thermodynamics: B. E. Short, J. B. Jones, Frank Kreith.

Y14—DRAWING AND DRAFTING ROOM PRACTICE: R. P. Hoelscher, Chairman, F. C. Higbee, H. C. Spencer, W. J. Luzadder, R. S. Paffenbarger, C. L. Svenson, C. J. Vierck.

Y15—GRAPHIC PRESENTATION: R. S. Paffenbarger, Chairman, D. P. Adams, A. S. Levens, R. O. Loving.

Y32—GRAPHIC SYMBOLS AND DRAWINGS: I. L. Hill, Chairman, J. G. McGuire, R. T. Northrup.

A62—COORDINATION OF DIMENSIONS OF BUILDING MATERIALS AND EQUIPMENT: J. E. Branch; Alternate, Leonard Wolf.

C61—ELECTRIC AND MAGNETIC MAGNITUDES AND UNITS: C. F. Rehberg.

International Standards Organization:

TC 37: R. S. Paffenbarger.

Association of General Contractors of America, Inc., ASEE Joint Committee

E. H. Karrer (1959), Harmer Weeden (1960), David Day (1961), F. W. Stubbs (1961), J. C. Gebhard (1961), R. L. Peurifoy (1960), C. H. Oglesby (1960), P. F. Keim (1959), Harry Ruby (1959).

Charles A. Coffin Fellowships and Research Committee:

A. G. Conrad.

Educational Testing Service:

R. H. Roy.

Engineers Council for Professional Development:

REPRESENTATIVES: F. C. Lindvall (1959), L. E. Grinter (1960), W. L. Everitt (1961).

EXECUTIVE COMMITTEE: W. L. Everitt.

EDUCATION AND ACCREDITATION: R. M. Hermes.

ETHICS: W. W. Burton, J. D. Davis.

GUIDANCE: A. B. Drought, J. H. Lampe.

INFORMATION: W. Leighton Collins.

STUDENT DEVELOPMENT: J. D. Coleman, J. W. Whittemore.

TRAINING: R. A. Emerson, Harold Foecke, A. Lachland Reed, E. J. Thielen, David Thomas, E. L. Yates.

Engineers Joint Council:

BOARD OF DIRECTORS: R. J. Woodrow (1959), Alternate: E. C. Easton; *Ex Officio:* W. T. Alexander.

ABSTRACTING SERVICES: P. T. Bryant.

AIR POLLUTION: E. J. Kilcawley.

ATOMIC ENERGY PANEL: L. B. Borst.

CONSTITUTION AND BYLAWS: K. F. Wendt.

EMPLOYMENT CONDITIONS: C. F. Savage.

ENGINEERING MANPOWER COMMISSION: H. H. Armsby, H. R. Beatty, Harold Torgerson, Alternates: C. C. Chamberlin, H. L. Hazen, J. H. Lampe.

FINANCE: G. W. Farnham.

HONORS FOR ENGINEERS: S. Reid Warren, Jr.

INTERNATIONAL RELATIONS: H. W. Bibber, H. K. Justice, J. G. Young.

MEMBERSHIP: W. Leighton Collins.

NATIONAL ENGINEERS: W. C. White.

NATIONAL WATER POLICY PANEL: S. B. Morris.

PRACTICE OF ENGINEERING: J. H. Davis.

PUBLIC RELATIONS: J. I. Mattill.

RECOGNITION OF SPECIALTIES IN ENGINEERING: Rolf Eliassen.

SECRETARIES: W. Leighton Collins.

WHO'S WHO IN ENGINEERING: W. Leighton Collins.

National Council of State Boards of Engineering Examiners:

NATIONAL BUREAU OF ENGINEERING REGISTRATION: J. H. Sams.

National Research Council:

MEMBER OF DIVISION OF ENGINEERING AND INDUSTRIAL RESEARCH: K. F. Wendt.

MEMBER AT LARGE: R. J. Woodrow.

Future Scientists and Engineers of America:

H. H. Armsby.

United States National Commission to UNESCO:

J. G. Young.

IRE FELLOW AWARDS FOR 1959

Seventy-six leading radio engineers and scientists from the United States and other countries were named Fellows of the Institute of Radio Engineers by the Board of Directors at its November 18 meeting held in Atlanta, Georgia. The grade of Fellow is the highest membership grade offered by the IRE and is bestowed only by invitation on those who have made outstanding contributions to radio engineering or allied fields.

Presentation of the awards will be made by IRE Sections all over the world wherever the recipients reside. Recognition of the awards will be made by the President of the IRE at the Annual Banquet on March 25, 1959 at the Waldorf-Astoria Hotel in New York City during the 1959 IRE National Convention.

Eight of those recognized are ASEE Members:

C. C. Chambers, Vice President, Engineering Affairs, University of Pennsylvania, Philadelphia, Pa.

B. J. Dasher, Professor and Director, School of Electrical Engineering, Georgia Institute of Technology, Atlanta, Georgia

L. N. Holland, Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich.

W. R. Le Page, Chairman, Electrical Engineering Dept., Syracuse University, Syracuse, N. Y.

J. H. Mulligan, Jr., Professor and Chairman, Department of Electrical Engineering, New York University, New York, N. Y.

P. F. Ordung, Yale University, Dunham Lab., New Haven, Conn.

O. J. M. Smith, Associate Professor, Electrical Engineering Division, University of California, Berkeley, Calif.

J. G. Truxal, Head, Electrical Engineering Dept., Polytechnic Institute of Brooklyn, Brooklyn, N. Y.

GEOGRAPHICAL LISTING OF ACTIVE AND AFFILIATE INSTITUTIONAL MEMBERS BY SECTIONS

New England Section

Univ. of Me.
Univ. of Vt.
Norwich
Dartmouth
Univ. of N. H.
Boston and Vicinity:
  Tufts
  Harvard
  Lowell Text. Inst.
  Mass. Inst. of Tech.
  Wentworth Institute
  Franklin Tech. Inst.
  Northeastern
Worcester Poly. Inst.
Univ. of Conn.
Brown
Univ. of Mass.
Yale
Univ. of R. I.
U. S. Coast Guard Acad.
Bridgeport Engrg. Inst.
Ward School of Electronics
Hillyer College

Middle Atlantic Section

Stevens Inst. of Tech.
New York and Vicinity:
  The City College of the College of the City of New York
  Columbia
  Cooper Union
  N. Y. Univ.
  Webb Institute
  Manhattan
  Academy of Aero.
  RCA Institutes
Brooklyn and Vicinity:
  Brooklyn Poly. Inst.
  Pratt Institute
Newark College of Engrg.
Rutgers
Princeton
Lafayette
Lehigh
Philadelphia and Vicinity:
  Drexel Inst. of Tech.
  Univ. of Pa.
  Spring Garden Inst.
  Community Coll. & Tech. Inst., Temple Univ.
Villanova
Swarthmore
Univ. of Dela.

National Capital Area Section

Capital Radio Engineering Institute
Johns Hopkins
Univ. of Md.
Washington and Vicinity:
  Catholic
  Howard
  George Washington

Upper New York-Ontario Section

Clarkson College of Tech.
Rensselaer Poly. Inst.
Union
Syracuse
Cornell
Univ. of Rochester
New York State College of Ceramics
Univ. of Buffalo
University of Toronto
Ecole Polytechnic
Queens
McGill
Hofstra
Rochester Inst. Tech.
State Univ. N. Y. Agr. & Tech. Inst., Canton
State Univ. N. Y. Agr. & Tech. Inst., Alfred

Michigan Section

Detroit and Vicinity:
  Univ. of Detroit
  Chrysler Inst. of Engrg.
Wayne
Univ. of Mich.
Michigan State University
Flint Junior College
Western Michigan University

Ohio Section

Air Force Institute of Tech.
University of Dayton
Ohio University
Univ. of Toledo
Sinclair
Ohio Northern
Cincinnati and Vicinity:
  Univ. of Cincinnati
  Ohio Mech. Inst.
Ohio State Univ.
Case Inst. of Tech.
Fenn
Univ. of Akron

Allegheny Section

Pittsburgh and Vicinity:
  Carnegie Inst. of Tech.
  Univ. of Pittsburgh
  Westinghouse Tech. Night School
West Virginia
Pa. State University
Bucknell
W. Va. Inst. Tech.
Alliance Technical Inst.

Southeastern Section

Univ. of Miami
Univ. of Louisville
Univ. of Ky.
Va. Military Inst.
Univ. of Miss.
Univ. of Tenn.
Tenn. Poly. Inst.
Va. Poly. Inst.
Univ. of Va.
Duke
N. C. State College
Clemson
Univ. of S. C.
The Citadel
Ga. Inst. of Tech.
Univ. of Fla.
Ala. Poly. Inst.
Tulane
Univ. of Ala.
Louisiana State Univ.
La. Poly. Institute
Southwestern La. Inst.
Miss. State College
Vanderbilt
Southern Tech. Inst.

Missouri-Arkansas Section

St. Louis and Vicinity:
  Washington
  St. Louis Univ.
Univ. of Mo.
Mo. School of Mines
Univ. of Ark.
Ark Poly. Inst.
Central Tech. Inst.

---

* See "What Do You Know About Your Section?" by B. J. Robertson, Jol. of Eng. Ed., Feb., 1948.

Illinois-Indiana Section

Northwestern University
Illinois Inst. of Tech.
Univ. of Notre Dame
Purdue
Aero. Univ.
Rose Poly Inst.
Bradley
Univ. of Illinois
Lain Tech. Inst.
Southern Illinois University
Valparaiso University
Valparaiso Tech. Inst.
DeVry Tech. Inst.

North Midwest Section

Mich. College of M. & T.
Marquette
Univ. of Wis.
State Univ. of Iowa
Iowa State College
Univ. of Minn.
Univ. of N. D.
N. D. Agric. College
S. D. State College
Milwaukee School of Engrg.

Kansas-Nebraska Section

Univ. of Omaha
Univ. of Neb.
Kansas State College
Kansas State Teachers College
Univ. of Kansas
Univ. of Wichita

Southwest Section

Okla. City University
Amarillo College
Okla. State University
State Univ. of Okla.
Univ. of Tulsa
Southern Methodist
A. & M. College of Texas
Rice Inst.
Univ. of Texas
Texas College of A. & I.
N. M. College of A. & M.
Univ. of N. M.
Texas Tech. College
Prairie View A. & M.
Univ. of Houston
Lamar State College of Technology

Rocky Mountain Section

Brigham Young Univ.
Univ. of Wyo.
Colo. State University
Univ. of Colo.
Colo. School of Mines
Univ. of Denver
Utah State Agricultural College
Univ. of Utah
S. D. School of Mines & Technology
Pueblo Junior College
Ft. Lewis A. & M. College

Pacific Northwest Section

Ore. State College
Ore. Tech. Inst.
Portland State College
Univ. of Wash.
State College of Wash.
Univ. of Idaho
Mont. School of Mines
Mont. State College
North Idaho Junior College

Pacific Southwest Section

Univ. of Ariz.
Calif. Inst. of Tech.
Fresno State College
Los Angeles and Vicinity:
  Univ. of Southern Calif.
  Univ. of Calif.
  Northrop Aero. Inst.
San Francisco Bay and Vicinity:
  Cogswell Polytechnical College
  Univ. of Santa Clara
  San Jose State College
  Univ. of Calif.
  U. S. Naval P. G. School
  Stanford University
  Sacramento State
University of Nevada
Chico State College
Modesto Junior College

Unassigned

Univ. of Alaska
Univ. of Hawaii
Univ. of Puerto Rico
Nova Scotia Tech.

NOW AVAILABLE

Attractive Lapel Buttons and Pins

displaying

The ASEE Emblem

Blue Enamel on Gold with White Enamel Letters

$3.00

Office of the Secretary, University of Illinois, Urbana, Illinois

SOCIETY RECORDS

PAST OFFICERS AND COUNCIL MEMBERS

PRESIDENTS

DE VOLSON WOOD,* 1893–4,
GEORGE F. SWAIN,* 1894–5,
M. MERRIMAN,* 1895–6,
HENRY T. EDDY,* 1896–7,
JOHN B. JOHNSON,* 1897–8,
T. C. MENDENHALL,* 1898–9,
IRA O. BAKER,* 1899–1900,
FRANK O. MARVIN,* 1900–1,
ROBERT FLETCHER,* 1901–2,
CALVIN M. WOODWARD,* 1902–3,
C. FRANK ALLEN,* 1903–4,
FRED W. McNAIR,* 1904–5,
CHARLES L. CRANDALL,* 1905–6,
DUGALD C. JACKSON,* 1906–7,
CHARLES S. HOWE,* 1907–8,
FRED. E. TURNEAURE,* 1908–9,
HENRY S. MUNROE,* 1909–10,
ARTHUR N. TALBOT,* 1910–11,
WM. G. RAYMOND,* 1911–12,
WM. T. MAGRUDER,* 1912–13,
G. C. ANTHONY,* 1913–14,
ANSON MARSTON,* 1914–15,
HENRY S. JACOBY,* 1915–16,
GEORGE R. CHATBURN,* 1916–17,
MILO S. KETCHUM,* 1917–18,
JOHN F. HAYFORD,* 1918–19,
A. M. GREENE, JR.,* 1919–20,
MORTIMER E. COOLEY,* 1920–21,
C. F. SCOTT,* 1921–22, 1922–23,
P. F. WALKER,* 1923–24,
A. A. POTTER, 1924–25,
G. B. PEGRAM,* 1925–26,
O. M. LELAND, 1926–27,
R. L. SACKETT,* 1927–28,
D. S. KIMBALL,* 1928–29,
R. I. REES,* 1929–30,
H. S. BOARDMAN, 1930–31,
H. S. EVANS, 1931–32,
R. A. SEATON, 1932–33,
W. E. WICKENDEN,* 1933–34,
C. C. WILLIAMS,* 1934–35,
D. S. ANDERSON,* 1935–36,
H. P. HAMMOND,* 1936–37,
S. B. EARLE, 1937–38,
K. T. COMPTON,* 1938–39,
O. J. FERGUSON, 1939–40,
D. B. PRENTICE, 1940–41,
A. H. WHITE,* 1941–1942,
H. T. HEALD, 1942–43,
ROBERT E. DOHERTY,* 1943–44,
HARRY S. ROGERS,*1944–45, 1945–46,
H. O. CROFT, 1946–47,
C. E. MacQUIGG,* 1947–48,
C. J. FREUND, 1948–49,
THORNDIKE SAVILLE, 1949–50,
F. M. DAWSON, 1950–51,
S. C. HOLLISTER, 1951–52,
W. R. WOOLRICH, 1952–53,
L. E. GRINTER, 1953–54,
N. W. DOUGHERTY, 1954–55,
M. M. BORING, 1955–56,
W. L. EVERITT, 1956–57.
F. C. LINDVALL, 1957–1958.

* Deceased.

VICE-PRESIDENTS (SINCE 1930)

E. A. HITCHCOCK,* ED. BENNETT,* 1929–30,
C. FRANCIS HARDING,* R. A. SEATON, 1930–31,
D. S. ANDERSON,* H. H. JORDAN, 1931–32,
PAUL CLOKE, H. S. ROGERS,* 1932–33,
F. V. LARKIN, B. M. BRIGMAN,* 1933–34,
H. P. HAMMOND,* GEO. C. SHADD,* 1934–35,
P. H. DAGGETT, S. B. EARLE, 1935–36,
IVAN C. CRAWFORD, SADA A. HARBARGER,* 1936–37,
K. T. COMPTON,* F. C. BOLTON, 1937–38,
G. W. CASE, M. L. ENGER,* 1938–39,
R. W. SORENSEN, D. B. PRENTICE, 1939–40,
E. L. MORELAND,* L. E. CONRAD, 1940–41,
H. T. HEALD, F. L. EIDMANN,* 1941–42,
C. E. MacQUIGG,* B. M. WOODS, 1942–43,
A. R. CULLIMORE,* H. J. GILKEY, 1943–44,
N. W. DOUGHERTY, H. M. CROTHERS, 1944–45, 1945–46,
J. R. KILLIAN, E. B. NORRIS, 1946–47,
C. J. FREUND, 1946–1948, THORNDIKE SAVILLE, 1948–49,
S. S. STEINBERG, 1947–49, B. J. ROBERTSON, 1947–50,
F. M. DAWSON, 1946–50,
H. H. ARMSBY, 1949–51, F. E. TERMAN, 1949–51,
L. E. GRINTER, 1950–52, G. A. ROSSELOT, 1950–52,
M. M. BORING, 1951–53, J. H. LAMPE, 1951–53,
E. A. WALKER, 1952–54, W. C. WHITE, 1952–54,
W. L. EVERITT, 1953–55, B. R. TEARE, JR., 1953–55,
L. J. LASSALLE, 1954–56, H. K. WORK, 1954–56,
W. T. ALEXANDER, 1955–57, F. C. LINDVALL, 1955–57,
C. A. BROWN, 1956–58, R. J. WOODROW, 1956–58,
C. L. ECKEL, 1957–58.

TREASURERS

W. O. WILEY,* 1907–42
JAMES S. THOMPSON, 1942–50
C. L. SKELLEY, 1950–53
G. W. FARNHAM, 1953–56
J. GAMMELL, 1956–

SECRETARIES

F. L. BISHOP,* 1914–47
A. B. BRONWELL, 1947–55
W. L. COLLINS, 1955–

ASSISTANT SECRETARIES

NELL McKENRY, 1918–48
DOROTHY DAUM, 1949–50
C. E. WATSON, 1951–55

EDITORS

E. C. McCLINTOCK, JR., 1955–58.
P. T. BRYANT, 1958–

* Deceased.

Elective Members of Councils, 1945–1957

Terms of Office Expired in 1945

H. L. Dodge,
C. E. Lawall,
J. C. Elgin,
R. L. Spencer,
Joseph Weil.
L. J. Fletcher,
C. E. Tucker,

Terms of Office Expired in 1946

E. L. Eriksen,
R. H. Spahr,
W. O. Hotchkiss,
G. L. Sullivan,
W. R. Woolrich.
Thorndike Saville,
F. L. Wilkinson,

Terms of Office Expired in 1947

H. W. Barlow,
L. E. Conrad,
H. L. Dodge,
E. D. Howe,
D. F. Miner,
J. E. Thornton,
A. B. Bronwell,
H. A. Dangel,
W. R. Dumble,
R. C. Kintner,
Glenn Murphy,
H. W. Wood,
E. S. Burdell,
C. L. Dawes,
C. D. Fawcett,
J. H. Lampe,
G. K. Palsgrove,
J. H. Zant.

Terms of Office Expired in 1948

A. W. Turner,
L. S. Letellier,
W. C. White,
F. G. Higbee,
S. C. Lind,
P. N. Lehoczky,
B. E. Short,
W. B. Plank,
D. F. Miner,
W. M. Lansford,
T. C. Hanson,
G. F. Bateman,
H. McIntyre,
E. D. Howe,
W. O. Birk,
W. R. Woolrich.

Terms of Office Expired in 1949

J. H. Koffolt,
C. G. Brennecke,
C. Wandmacher,
J. H. Zant,
E. S. Burdell,
R. V. James,
J. G. Potter,
W. L. Hughes,
L. E. Conrad,
S. H. Van Wambeck,
H. H. Armsby,
W. C. White,
O. M. Stone,
E. L. Grant,
L. J. Lassalle.

Terms of Office Expired in 1950

F. L. Schwartz,
G. J. Barker,
L. E. Grinter,
C. A. Brown,
S. S. Steinberg,
O. N. Olson,
J. T. Strate,
J. B. Wilbur,
A. G. Conrad,
R. P. Hoelscher,
O. E. Osburn.
L. R. Blakeslee,
F. T. Mavis,
J. K. Walkup,
M. E. Farris,
H. J. Barre,

Terms of Office Expired in 1951

H. W. Barlow,
R. A. Ragatz,
M. B. Robinson,
G. B. Hoadley,
R. L. Shurter,
H. R. Beatty,
J. E. Thornton,
H. K. Justice,
E. C. Clark,
C. E. Bennett,
J. C. McKeon, Jr.,
K. L. Holderman,
W. A. Koehler,
W. L. DeBaufre,
M. T. Ayers,
R. Z. Williams,
E. R. McKee,
R. D. Landon,
H. H. Wheaton,
F. J. Lewis.

Terms of Office Expired in 1952

H. J. Barre,
S. A. Smith,
W. M. Lansford,
E. A. Walker,
H. C. Spencer,
J. H. Rushton,
E. Laitala,
H. A. Bolz,
T. L. Joseph,
D. S. Clark,
L. G. Miller,
R. S. Glasgow,
L. O. Stewart,
M. P. Capp,
W. H. Carson.

Terms of Office Expired in 1953

H. W. Barlow,
R. M. Boarts,
D. C. Hunt,
T. H. Morgan,
S. E. Winston,
L. D. Jones,
F. H. Pumphrey,
S. W. Chapman,
F. H. Miller,
K. B. McEachron,
H. P. Adams,
C. A. Mockmore,
E. Hutchisson,
D. M. Griffith,
D. G. Wilson,
W. Allan,
J. R. Lorah,
B. L. Wellman,
H. H. Wheaton,
C. O. Harris.

Terms of Office Expired in 1954

O. C. French,
W. W. Dornberger,
E. H. Gaylord,
H. R. Beatty,
E. Weber,
J. M. Apple,
H. Kuenzel,
C. L. Wilson,
E. F. Obert,
W. P. Godfrey,
K. F. Wendt,
E. R. Wilcox,
E. J. Lindahl,
N. F. Rode,
G. K. Palsgrove.

Terms of Office Expired in 1955

Glenn Murphy,
J. S. Walton,
H. C. Messinger,
H. E. Hartig,
C. A. Brown,
R. W. Van Houten,
J. W. Shirley,
H. K. Justice,
G. N. Cox,
G. P. Brewington,
C. D. Lobingier,
H. P. Rodes,
E. B. Stavely,
M. A. Durland,
T. Saville,
L. E. Stout,
G. A. Marston,
N. D. Thomas,
R. E. Vivian,
R. L. Sumwalt,
E. R. Wilcox.

Terms of Office Expired in 1956

R. H. Driftmier,
P. E. Soneson,
A. J. McNair,
E. B. Stavely,
R. S. Paffenbarger,
N. A. Christensen,
F. F. Groseclose,
E. E. Ambrosius,
W. J. Rundle,
N. A. Parker,
R. H. Schoonover,
H. H. Armsby,
Frank Kerekes,
M. L. Jackson,
A. Diefendorf,
M. R. Lohmann,
R. F. Eisenberg.

Terms of Office Expired in 1957

D. J. Peery,
K. Kobe,
J. G. Wohlford,
L. V. Bewley,
J. H. Pitman,
C. E. Schaffner,
D. Stillman,
R. S. Burington,
J. W. Howe,
R. J. Seeger,
A. R. Hellwarth,
C. S. Jones,
W. I. Short,
N. H. Barnard,
R. W. Van Houten,
G. F. Branigan,
E. T. Donovan,
H. K. Justice,
E. L. Grant,
H. Flinsch.

Terms of Office Expired in 1958

June Roberts,
L. A. Richardson,
R. L. Peurifoy,
E. K. Kraybill,
F. A. Heacock,
A. Lesser, Jr.,
J. H. Pitman,
N. A. Christiansen,
Bert Norem,
B. T. McMinn,
C. O. Frush,
R. G. Owens,
H. M. Hess,
A. B. Drought,
W. Richtmann,
V. L. Doughtie,
R. M. Campbell,
R. D. Sloan.

AWARDS AND RECIPIENTS

Lamme Medal

The Lamme Award consists of a gold medal and bronze replica bestowed annually upon a distinguished engineering educator for excellence in teaching and contributions to the art of teaching; contributions to research and technical literature; achievements which contribute to the advancement of the profession; and engineering administration. The Lamme trust fund was established in memory of Benjamin Garver Lamme.

Recipients of Lamme Medal

1928—George Fillmore Swain,* Professor of Civil Engineering, Harvard University.
1929—Irving Porter Church,* Emeritus Professor of Applied Mechanics and Hydraulics, Cornell University.
1930—Charles Felton Scott,* Professor of Electrical Engineering, Yale University.
1931—Dugald Caleb Jackson,* Professor of Electric Power Production and Distribution, in charge, Dept., Electrical Engineering, Massachusetts Institute of Technology.
1932—Arthur Newell Talbot,* Professor of Municipal and Sanitary Engineering, Emeritus, University of Illinois.
1933—Dexter Simpson Kimball,* Professor Emeritus of Industrial Engineering, Dean, College of Engineering, Cornell University.
1934—Edward Rose Maurer,* Professor of Mechanics, University of Wisconsin.
1935—William Elgin Wickenden,* President, Case School of Applied Science.
1936—Herman Schneider,* Dean, University of Cincinnati.
1937—Frederick Eugene Turneaure,* Dean, University of Wisconsin.
1938—Robert Lemuel Sackett,* Dean, Pennsylvania State University.
1939—Stephen P. Timoshenko, Professor of Theoretical and Applied Mechanics, Stanford University.
1940—Andrew A. Potter, Dean, Schools of Engineering, Purdue University.
1941—Anson Marston,* Dean Emeritus of Engineering, Iowa State College.
1942—Roy Andrew Seaton, Dean Emeritus, Division of Engineering, Kansas State College.
1943—Thomas Ewing French,* Professor of Engineering Drawing, Emeritus, The Ohio State University.
1944—Hardy Cross, Professor and Chairman, Dept. of Civil Engineering, Yale University.
1945—Harry Parker Hammond,* Dean Emeritus, School of Engineering, The Pennsylvania State University.
1946—Robert E. Doherty,* President, Carnegie Institute of Technology.
1947—Warren K. Lewis, Professor of Chemical Engineering, Massachusetts Institute of Technology.
1948—Alexander G. Christie, Professor Emeritus of Mechanical Engineering, Johns Hopkins University.
1949—Karl Taylor Compton,* President Emeritus, Chairman of Corporation, Massachusetts Institute of Technology.
1950—Fred B. Seely, Professor of Theoretical and Applied Mechanics, University of Illinois.
1951—Allan R. Cullimore,* President Emeritus, Newark College of Engineering.
1952—Solomon Cady Hollister, Dean of Engineering, Cornell University.
1953—Harry S. Rogers,* President, Polytechnic Institute of Brooklyn.
1954—Thorndike Saville, Dean of Engineering, New York University.
1955—Vannevar Bush, President, Carnegie Institution of Washington, D. C.
1956—L. M. K. Boelter, Dean of Engineering, University of California, Los Angeles.
1957—W. L. Everitt, Dean of Engineering, University of Illinois, Urbana.
1958—L. E. Grinter, Dean of Graduate School, University of Florida, Gainesville.

* Deceased.

Vincent Bendix Award

The Vincent Bendix Award consists of a gold medal and citation conferred annually for outstanding research contributions, either in original thought or administrative leadership, to a staff member of the colleges of engineering in the United States. The Award was established through the efforts of the Engineering College Research Council. The Bendix Aviation Corporation granted funds to establish the Award in 1956.

Recipients of the Bendix Award

1956—Clifford C. Furnas, Chancellor, University of Buffalo.
1957—Theodore von Kármán, Director Emeritus, Guggenheim Aeronautics Laboratory, California Institute of Technology.
1958—Hunter Rouse, State University of Iowa.

George Westinghouse Award

The George Westinghouse Award was established by the Westinghouse Educational Foundation in 1946 as an annual Award to young engineering tecahers of outstanding ability to recognize and encourage their contributions to the improvement of teaching methods for engineering students.

Recipients of the George Westinghouse Award

1946—James Norman Goodier, Professor of Mechanics, Cornell University.
1947—Benjamin R. Teare, Jr., Buhl Professor and Head, Dept. of Electrical Engineering, Carnegie Institute of Technology.
1948—Hunter Rouse, Professor and Director, Institute of Hydraulic Research, State University of Iowa.
1949—Joseph Marin, Professor of Engineering Mechanics, Pennsylvania State University.
1950—Rolf Eliassen, Professor of Sanitary Engineering, Massachusetts Institute of Technology.
1951—Glenn Murphy, Professor of Theoretical and Applied Mechanics, Iowa State College.
1952—Gordon S. Brown, Professor and Head of Electrical Engineering, Massachusetts Institute of Technology.
1953—Edward F. Obert, Professor of Mechanical Engineering, Northwestern University.
1954—Thomas J. Higgins, Professor of Electrical Engineering, University of Wisconsin.
1955—Robert Roy White, Professor of Chemical Engineering, University of Michigan.
1956—Milton C. Shaw, Professor of Mechanical Engineering, Massachusetts Institute of Technology.
1957—Robert E. Treybal, Professor of Chemical Engineering, New York University.
1958—Willis W. Harman, Professor of Electrical Engineering, Stanford University.

Curtis W. McGraw Research Award

The Curtis W. McGraw Research Award has been established to recognize outstanding college research workers under forty years of age, and to encourage the continuance of their productivity in the future. It is hoped also that such a prize will stimulate interest in engineering college research as an essential area of engineering education. Sponsored by the Engineering College Research Council, with the assistance of the McGraw-Hill Book Company, the prize is named in honor of Curtis W. McGraw, whose efforts consistently furthered the cause of research through the publication and dissemination of research results. The prize is one thousand dollars in cash and an accompanying engraved certificate. Candidates must have been active in one or more types of research ordinarily carried on by colleges of engineering or institutes of technology, must have achieved important ad-

vances which have been accepted by colleagues and by other workers in the field of specialization, must have reputations for sound and productive thinking, and must give promise of making further significant contributions. Evidence would include discoveries and other original work with engineering fundamentals, the conception or improvement of laboratory techniques or devices, publication of books, monographs, or scholarly papers, and activities in scholarly or professional societies. Preliminary nomination forms and supporting data sheets must be in the hands of the award committee chairman by March 1 of each year; the award is presented at the Annual Meeting in June.

Recipient of the Curtis W. McGraw Research Award

1957—George Gerard, Assistant Director, New York University, College of Engineering Research Division.
1958—Cedomir M. Sliepcevich, Professor and Chairman of Chemical Engineering, University of Oklahoma.

James H. McGraw Award

The James H. McGraw Award in Technical Institute Education is awarded annually for the purpose of recognizing and encouraging outstanding contributions to technical institute education. The Award consists of the sum of $500.00 and an engraved certificate provided by the McGraw-Hill Book Company in memory of James H. McGraw, Sr. Nominees are expected to have displayed unusual competence in one or more of the following activities related to technical institute education: instruction, publication, administration, and other appropriate contributions.

Recipients of the James H. McGraw Award

1950—Harry P. Hammond,* Dean of Engineering, Pennsylvania State College.
1951—Robert Hoover Spahr, Administrative Chairman, General Motors Institute.
1952—Arthur Lyman Williston,* Principal (retired), Wentworth Institute.
1953—Charles W. Beese, Director, Technical Extension Division, Purdue University.
1954—Arthur C. Harper, President Emeritus, Wyomissing Polytechnic Institute.
1955—Frederick E. Dobbs, Principal (Retired), Wentworth Institute.
1956—Charles S. Jones, President, Academy of Aeronautics.
1957—Arthur L. Townsend, Director, Lowell Institute School.
1958—Karl O. Werwath, President, Milwaukee School of Engineering.

YET Paper Contest Winners

1953 First—E. L. Harrisburger, North Carolina State College.
Second—R. J. Smith, Marquette University.
1954 First—W. E. Snyder, General Motors Corporation.
Second—R. B. Davis, University of New Hampshire.
1955 First—H. A. Foecke, Notre Dame University.
Second—D. R. Lamb, University of Wyoming.
1956 First—James T. Miller, University of Kentucky.
Second—Robert D. La Rue, Colorado A & M College.
1957 First—Robert A. Janke, Michigan College of M. & T.
Second—Thomas H. Rockwell, Ohio State University.
1958 First—L. Bryce Andersen, Lehigh University.
Second—Thomas H. Rockwell, Ohio State University.

* Deceased.

ANNUAL MEETINGS OF THE ASEE

Date	*Location*	*President of the Society*
1893, July 30–Aug. 5	Chicago, Ill.*	I. O. Baker, Univ. of Ill. (Chairman, Section E.)
1894, Aug. 20–21	Brooklyn Polytechnic Institute, Brooklyn, N. Y.	DeVolson Wood, Stevens Inst. of Technology.
1895, Sept. 2–4	Springfield, Mass.	G. F. Swain, Massachusetts Inst. of Technology.
1896, Aug. 20–22	Buffalo, N. Y.	Mansfield Merriman, Lehigh Univ.
1897, Aug. 16–18	University of Toronto, Toronto, Ontario.	H. T. Eddy, Univ. of Minn.
1898, Aug. 18–20	Boston, Mass.	J. B. Johnson, Wash. Univ., Missouri.
1899, Aug. 17–19	The Ohio State University, Columbus, O.	T. C. Mendenhall, Worcester Polytechnic Inst.
1900, July 2–3	Columbia University, New York City.	I. O. Baker, Univ. of Ill.
1901, June 29–July 2	Buffalo, N. Y.	F. O. Marvin, Univ. of Kans.
1902, June 27–28	Pittsburgh, Pa.	Robert Fletcher, Dartmouth College.
1903, July 1–3	Niagara Falls, N. Y.	C. M. Woodward, Wash. Univ., St. Louis.
1904, Sept. 1–3	St. Louis, Mo.	C. F. Allen, Mass. Inst. of Technology.
1905, June 28–29	Atlantic City, N. J.	F. W. McNair, Mich. Coll. of Mines.
1906, July 2–3	Cornell University, Ithaca, N. Y.	C. L. Crandall, Cornell Univ.
1907, July 1–3	Case School of Applied Science, Cleveland, O.	D. C. Jackson, M. I. T.
1908, June 24–27	Detroit, Mich.	Chas. S. Howe, Case School of Applied Science.
1909, June 24–26	Columbia University, New York City.	F. E. Turneaure, Univ. of Wis.
1910, June 23–25	University of Wisconsin, Madison, Wis.	H. S. Munroe, Columbia Univ.
1911, June 27–29	Carnegie Institute of Technology and the University of Pittsburgh, Pittsburgh, Pa.	A. N. Talbot, Univ. of Ill.
1912, June 26–29	M. I. T., Harvard and Wentworth, Boston, Mass.	W. G. Raymond, Univ. of Iowa.
1913, June 24–26	University of Minnesota, Minneapolis, Minn.	W. T. Magruder, Ohio State Univ.
1914, June 23–26	Princeton University, Princeton, N. J.	G. C. Anthony, Tufts College, Mass.
1915, June 22–25	Iowa State College, Ames, Ia.	Anson Marston, Iowa State College.
1916, June 19–22	University of Virginia, University, Va.	H. S. Jacoby, Cornell Univ.
1917, July 6–7	Washington, D. C.	G. R. Chatburn, Univ. of Neb.
1918, June 26–29	Northwestern University, Evanston, Ill.	M. S. Ketchum, Univ. of Colo.
1918, December 6–7 †	Cambridge, Mass.	J. F. Hayford, Northwestern University.
1919, June 25–28	Johns Hopkins University, Baltimore, Md.	J. F. Hayford, Northwestern University.
1920, June 29–July 2	University of Michigan, Ann Arbor, Mich.	A. M. Greene, Jr., Rensselaer Polytechnic Inst.
1921, June 28–July 1	Yale University, New Haven, Conn.	M. E. Cooley, Univ. of Mich.
1922, June 20–23	University of Illinois, Urbana, Ill.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1923, June 20–23	Cornell University, Ithaca, N. Y.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1924, June 25–28	University of Colorado, Boulder, Colo.	P. F. Walker, Univ. of Kans.
1925, June 16–20	Union College, Schenectady, N. Y.	A. A. Potter, Purdue Univ.
1926, June 16–18	State University of Iowa, Iowa City, Ia.	G. B. Pegram, Columbia Univ.
1927, June 27–30	University of Maine, Orono, Maine.	O. M. Leland, Univ. of Minn.
1928, June 26–29	University of North Carolina, Chapel Hill, N. C.	R. L. Sackett, Penna. State College.

* Meeting of Section E, Engineering Education, of the World's Engineering Congress, at which the S. P. E. E. was organized.

† Joint Meeting with the British Educational Mission to the United States. The meeting was called at the request of the Committee on International Relations of the American Council on Education.

1929, June 19–21	The Ohio State University, Columbus, Ohio.	Dexter S. Kimball, Cornell University.
1930, June 26–28	Ecole Polytechnique, McGill University, Montreal, Canada.	R. I. Rees, American T. & T. Co.
1931, June 17–19	Purdue University, Lafayette, Ind.	H. S. Boardman, University of Maine.
1932, June 29, 30–July 1	Oregon State College, Corvallis, Ore.	H. S. Evans, University of Colorado.
1933, June 27–30	Stevens Hotel, Chicago, Ill.	R. A. Seaton, Kansas State College.
1934, June 19–23	Cornell University, Ithaca, N. Y.	W. E. Wickenden, Case School of Applied Science.
1935, June 24–27	Georgia School of Technology, Atlanta, Ga.	C. C. Williams, State University of Iowa.
1936, June 23–26	University of Wisconsin, Madison, Wis.	D. S. Anderson, Tulane University.
1937, June 28–July 2	Massachusetts Institute of Technology and Harvard University, Cambridge, Mass.	H. P. Hammond, Polytechnic Institute of Brooklyn.
1938, June 27–30	A. & M. College of Texas College Station, Texas.	S. B. Earle, Clemson College.
1939, June 19–23	Pennsylvania State College, State College. Pa.	K. T. Compton, Mass. Inst. of Tech.
1940, June 24–28	University of California, Berkeley, Calif.	O. J. Ferguson, University of Nebraska.
1941, June 27–30	University of Michigan, Ann Arbor, Mich.	D. B. Prentice, Rose Polytechnic Institute.
1942, June 29–July 2	New York City.	A. H. White, University of Michigan.
1943, June 18–20	Illinois Institute of Technology, Chicago, and Northwestern University, Evanston, Ill.	H. T. Heald, Illinois Institute of Technology.
1944, June 25–28	University of Cincinnati, Cincinnati, Ohio	Robert E. Doherty, Carnegie Institute of Technology.
*1945, June 21–24	Washington University, St. Louis, Mo.	H. S. Rogers, Polytechnic Institute of Brooklyn.
1946, June 20–23	Washington University, St. Louis, Mo.	H. S. Rogers, Polytechnic Institute of Brooklyn.
1947, June 18–21	University of Minnesota, Minneapolis, Minn.	Huber O. Croft, University of Iowa.
1948, June 14–18	University of Texas, Austin, Texas.	C. E. MacQuigg, Ohio State University.
1949, June 20–24	Rensselaer Polytechnic Institute, Troy, N. Y.	C. J. Freund, University of Detroit.
1950, June 19–23	University of Washington, Seattle, Wash.	Thorndike Saville, New York University.
1951, June 25–29	Michigan State College, East Lansing, Michigan	F. M. Dawson, State University of Iowa.
1952, June 23–27	Dartmouth College, Hanover, N. H.	S. C. Hollister, Cornell University.
1953, June 23–26	University of Florida, Gainesville, Fla.	W. R. Woolrich, University of Texas.
1954, June 14–18	University of Illinois, Urbana, Ill.	L. E. Grinter, University of Florida
1955, June 20–24	Pennsylvania State University, State College, Pa.	N. W. Dougherty, University of Tennessee
1956, June 25–29	Iowa State College, Ames, Iowa	M. M. Boring, General Electric Co.
1957, June 17–21	Cornell University, Ithaca, N. Y.	W. L. Everitt, University of Illinois
1958, June 16–20	University of California, Berkeley, Calif.	F. C. Lindvall, California Institute of Technology
1959, June 15–19	Pittsburgh, Pa.	W. T. Alexander, Northeastern University

* Cancelled at request of War Committee on Conventions, Office of Defense Transportation.

MATERIALS ENGINEERING DESIGN SHORT COURSE PROCEEDINGS

Two short courses on materials engineering design for high temperature and mechanical properties of materials were held last summer at Pennsylvania State University. Proceedings of these short courses are available from Professor Joseph Marin, Department of Engineering Mechanics, The Pennsylvania State University, University Park, Pennsylvania.

ENGINEERING SUMMER SCHOOLS, 1927-1959

1927—Engineering Mechanics, Cornell University.
1927—Engineering Mechanics, University of Wisconsin.
1928—Electrical Engineering, University of Pittsburgh, and Westinghouse E. & M. Company.
1928—Physics, Massachusetts Institute of Technology.
1929—Mechanical Engineering, Purdue University.
1930—Civil Engineering, Yale University.
1930—Engineering Drawing and Descriptive Geometry, Carnegie Institute of Technology.
1931—Chemical Engineering, University of Michigan.
1931—Mathematics, University of Minnesota.
1932—Economics, Stevens Institute of Technology.
1932—English, The Ohio State University.
1933—Mining and Metallurgy, University of Wisconsin.
1933—Conference of Administrative Officers, University of Wisconsin.
1935—Engineering Drawing, University of Wisconsin.
1939—Chemical Engineering, The Pennsylvania State College.
1941—Mechanical Engineering, Purdue University.
1941—Conference for Teachers of English in Technical Schools, University of Michigan.
*1945—Engineering Drawing.
1946—Engineering Drawing, Washington University.
1947—Mechanical Engineering, Northwestern University.
1948—Chemical Engineering, University of Wisconsin.
1949—Mechanical Engineering, Rensselaer Polytechnic Institute.
1950—Mechanics, Iowa State College.
Humanistic-Social, University of Washington.
North Midwest Section, University of Minnesota.
Civil Engineering (Photogrammetry), University of Denver.
1951—Humanistic-Social, Michigan State College.
Engineering Drawing, Michigan State College.
Mechanical Engineering (Thermodynamics), Michigan State College.
1952—Electrical Engineering, Dartmouth College.
English, Dartmouth College.
Educational Methods, General Electric Co., Schenectady, N. Y.
1953—Industrial Engineering, University of Florida.
Educational Methods, General Electric Co., Schenectady, N. Y.
1954—Electrical Engineering, University of Illinois, Urbana, Ill.
Engineering Mechanics, University of Illinois, Urbana, Ill.
Mechanical Engineering, University of Illinois, Chicago, Ill.
Economics in Engineering, University of Illinois, Urbana, Ill.
Humanistic-Social Workshop, University of Illinois, Urbana, Ill.
Teaching Methods Seminar, General Electric Co., Schenectady, N. Y.
Instrumentation Education (Symposium held jointly with ISA), University of Illinois, Urbana, Ill.
Solid State Physics in Engineering Education (Summer Institute), University of Illinois and Carnegie Institute of Technology.
Nuclear Physics in Engineering Education (Summer Institute), Columbia University and Northwestern University.
1955—Chemical Engineering, Pennsylvania State University, State College, Pa.
English, Pennsylvania State University, State College, Pa.
Thermodynamics (Summer Institute), Pennsylvania State University, State College, Pa.
Electricity and Magnetism (Summer Institute), Pennsylvania State University, State College, Pa.
Engineering Mechanics (Summer Institute), Pennsylvania State University, State College, Pa.
1956—Civil Engineering (Construction), Iowa State College, Ames, Iowa.
Engineering Drawing, Iowa State College, Ames, Iowa.
Humanistic-Social, Iowa State College, Ames, Iowa.
Conference on Mathematics in Engineering (Summer Institute), University of Michigan, Ann Arbor, Michigan.
1957—Civil Engineering, National Surveying Teachers Conference, Camp Welch, Naches, Wash. (Washington State College, Summer Surveying Camp.)
1958—Civil Engineering (Construction), University of California, Berkeley.
Mechanics Division, University of California, Berkeley.
Educational Methods and Young Engineering Teachers, University of California, Berkeley.
1959—Engineering Economy, Pittsburgh, Pa.
Humanistic-Social, Pittsburgh, Pa.

---

* Cancelled at request of War Committee on Conventions, Office of Defense Transportation.

CONSTITUTION AND BY-LAWS

(As Amended June, 1957)

American Society for Engineering Education

Article I—Name and Objects

Section 1. The name of this organization shall be the American Society for Engineering Education.

Section 2. The Society shall be a continuation of the Society for the Promotion of Engineering Education and its organization and purpose shall be expanded so as to include those of the Engineering College Research Association.

Section 3. The purpose of this Society shall be the advancement of education in all its functions which pertain to engineering and allied branches of science and technology, including the processes of teaching and learning, research, extension services, and public relations. The Society shall serve its members as a common agency of stimulation and guidance in: (*a*) the formulation of the general goals and responsibilities of engineering education for the service of individuals and the advancement of general welfare, (*b*) the adjustment of curricula and educational processes to changing conditions; (*c*) the development of effective teachers and administrators; (*d*) the improvement of instructional materials and methods, of personnel practices, and of administrative usages; (*e*) the enhancement of professional ideals and standards; (*f*) the fostering of research as a function collateral to teaching; (*g*) the coordination of institutional aims and programs, both among schools and colleges and in their joint relations with professional, educational, and public bodies; and (*h*) the cultivation of a fraternal spirit among teachers, administrators, investigators, practitioners, and industrialists.

Article II—Membership

Section 1. Membership in the Society shall be of two general classes, Individual and Institutional.

Section 2. Individual membership shall be of three classes, Active, Life, and Honorary. It shall comprise those persons who occupy or have occupied responsible positions in engineering instruction, research, or practice, or other persons interested in engineering education.

Section 3. The name of each candidate for active individual membership shall be proposed in writing to the Secretary by two members of whom the candidate is personally known. The proposal shall state the qualifications on which it is based. An affirmative letter ballot of three-fourths of those members of the Executive Board whose votes reach the Secretary within one month from the time of sending out the name of the candidate shall elect.

Section 4. A member in good standing may become a life member, exempt from all future payments for dues, by a single payment of an amount equal to twenty times the annual dues for members. Such payments received by the Society shall be placed in a separate fund known as the Life Membership Fund. The interest earned on this fund shall be used as current income.

Section 5. An individual member who has been in good standing for twenty-five (25) years or more, who

has reached the age of sixty-five (65) years, and who has retired from active professional life, may, upon written request, be designated as a life member by vote of the General Council, and shall thereafter be exempt from payment of dues.

Section 6. Honorary members may be chosen from among those who have rendered eminent service to mankind in engineering education or other engineering fields. Nomination of such candidates may be made by any member of the Society to the Committee on Honorary Membership. The Committee on Honorary Membership will in turn recommend to the General Council candidates for honorary membership.

Election shall be by a favorable vote of at least three-fourths of the members of the General Council in a letter ballot to be taken by the secretary. Councilors not heard from within one month from the date of mailing the ballots will be counted in favor of the candidate.

Honorary members shall enjoy all the privileges of the Society, and shall not be required to pay any fees or dues.

Election to honorary membership shall be limited in any administrative year to not more than two candidates.

Section 7. Institutional members shall be of four classes: Active, Affiliate, Associate, and Industrial. Active members shall be institutions which are eligible to participate in either or both of the institutional membership Councils. Affiliate members shall be other educational institutions engaged in technical instruction which have one or more curricula accredited by Engineers' Council for Professional Development or which are accredited by a major regional educational association. Associate members shall be professional organizations of engineers and research institutions. Industrial members shall be industrial organizations which have a major interest in engineering education.

Section 8. Active member institutions shall be only those offering curricula leading to baccalaureate or higher degree in engineering and having one or more curricula accredited as such by Engineers' Council for Professional Development, or if not within its jurisdiction must have one or more engineering curricula whose standards as judged by a competent accrediting agency are not lower than those of that Council. In the absence of any such accrediting agency the Executive Board of the Society shall have the power to judge of the equivalence of standards.

Section 9. All institutions which meet the conditions described in section 8 shall be eligible to participate as voting members in the Engineering College Administrative Council. To be eligible for voting participation in the Engineering College Research Council it is further required that the institution's research organization or activity shall have existed for at least three (3) years and shall have expended for engineering research during the three (3) fiscal years next preceding the date of its admission to the Council not less than that sum prescribed in the bylaws of the Engineering College Research Council.

Section 10. An institution may be proposed for membership by an official representative of any member institution who is familiar with the work of the institution proposed; or application for admission may be made directly by a responsible officer of the institution concerned. In either case the proposal or application shall be made in writing, addressed to the Secretary of the Society, and shall indicate the grade of membership applied

for and the Council or Councils in which it wishes to participate.

Section 11. The Executive Board shall determine the eligibility of the applicant for institutional membership of any class in the Society. The Executive Board shall have the power to elect Affiliate, Associate, and Industrial members of the Society by letter ballot, but shall refer applications for Active membership to the Executive Committee of each of the Councils in which the applicant desires to participate, each such Executive Committee being empowered to admit the applicant to the Council which it represents. All elections shall require a two-thirds favorable vote of the ballots cast. Institutions thus elected to membership in either or both of the institutional Councils thereby become Active institutional members of the Society.

Article III—Organization

Section 1. The means to ends specified in Article I, section 3, shall include the establishment of subordinate units of organization as needed to serve local, regional, departmental, or functional interests, the holding of meetings, conferences, and special schools, the setting up of agencies for educational inquiry, research, or planning, and the publication of papers, reports, researches, communications, and other significant materials concerned with engineering education.

Section 2. The Society shall be an organization of individual and institutional members and shall operate in two coordinate areas of activity corresponding to the respective interests of these groups. Its general activities shall be administered by an Executive Board (see Article V). The activities of its individual members shall be conducted under a General Council (see Article VI) and the activities of its institutional members through an Engineering College Research Council (see Article VII), and an Engineering College Administrative Council (see Article VIII).

The individual members of the Society shall further be organized in groups to function as (a) sections in specified territories; (b) branches formed by members of single institutions and (c) divisions with important subjects of instruction, research, or activity related to engineering education, under provisions as hereinafter set forth.

Article IV—Officers

There shall be a President, who shall be the executive officer of the Society and who shall hold office for one year. There shall be six Vice Presidents, each to hold office for two years as follows: in connection with individual memberships, two Vice Presidents responsible for General and Regional Activities, one in the Eastern part of the United States and one in the Western part, as designated by the Executive Board, to be elected in alternate years: a Vice President for instructional Divisions and Committees and a Vice President for General Divisions and Committees to be elected in alternate years, In connection with institutional memberships, there shall be a Vice President for the Engineering College Research Council and a Vice President responsible for the Engineering College Administrative Council, to be elected in alternate years. There shall be a secretary, to be appointed annually by a committee consisting of the President and all Vice Presidents; and a Treasurer, to be elected annually. In case of vacancy in the office of the President, the senior Vice President for General and Regional Activities shall succeed. In case of a vacancy in the office of Vice President for General and Regional Activities, the senior

Vice President for Instructional Divisions shall succeed.

Article V—Executive Board

Section 1. The Executive Board of the Society shall consist of the President, the six Vice Presidents, the Secretary, and the Treasurer. Its function shall be to coordinate the activities of the Society. Its actions shall be final as to (a) approval of budgets, (b) authorization of publications, (c) conventions, (d) appointment of officers to fill emergency vacancies, (e) determination of eligibility of institutional members, and (f) actions of the Society in relation to other organizations. The Executive Board is responsible for the general supervision and control of all financial matters in which the name of the Society is used. In all other matters, however, the Executive Board is advisory to the General Council, the Engineering College Research Council, and the Engineering College Administrative Council of the Society.

Section 2. The procedure in (*d*) filling emergency vacancies shall be as follows: excepting the Secretary, whose appointment is otherwise provided herein, the Executive Board shall make the appointment on recommendation of the President; provided, however, that, in case of vacancy in the office of a Vice President associated with the institutional membership, the President shall transmit to the Executive Board the recommendation of the Executive Committee concerned. The term of emergency appointments shall be until a successor is regularly elected.

Section 3. In case of a national emergency during which it is impossible for the Society to hold a regular meeting, the Executive Board may take any action on behalf of the Society that it deems necessary and advisable; provided, however, that such action shall be reported to the Society at its first regular meeting thereafter.

Section 4. Each Council of the Society shall report all of its actions to the Executive Board and shall not take an action affecting the interests of another Council until such proposed action has been considered by the Executive Board; provided, however, that in cases where the time element is too critical to permit deliberation by the Executive Board, a Council may, on its own responsibility, take emergency action within its own domain, or if it so authorizes, its Executive Committee may take such action; or provided further that a Council, or its Executive Committee if so authorized, may take such action jointly with another Council where joint interests are involved.

Article VI—General Council

Section 1. The General Council of the Society shall consist of the President, who shall be chairman, the six Vice Presidents, the Secretary, the Treasurer, the three Junior Past Presidents, the secretaries of the Engineering College Research Council and the Engineering College Administrative Council, and a representative of every Division and Section elected by the body concerned for a term of two years according to a plan of rotation in which one half of such representatives will be chosen each year.

Section 2. Any individual member of the Society shall be eligible for election as such a representative on the General Council.

Section 3. Incumbent elective officers and members of the Council shall continue in office for a period of ten (10) days after the date of the annual meeting or in the event that no annual meeting is held, until ten (10) days after their successors shall have been elected.

Section 4. The actions of the General Council shall be final on all matters concerning the General and Regional Activities and the Instructional Divisions, excepting those herein delegated to the Executive Board.

Section 5. The General Council shall determine its own By-laws which shall conform to the Constitution and By-laws of the Society.

Article VII—Engineering College Research Council

Section 1. There shall be an Engineering College Research Council whose purpose shall be to assist in developing the research facilities of engineering colleges (*a*) to further advance study in colleges of engineering and to develop and coordinate industrial and scientific research; (*b*) to undertake research designed to promote engineering advancement and economic adjustment in industry, public works, public health, the conservation and development of natural resources, and similar activities; (*c*) to cooperate with other associations and government agencies in the prosecution and promotion of research and to collaborate with them to prevent duplication of effort and achieve maximum utilization, coordination, and development of engineering and scientific research facilities; and (*d*) to publish periodic research reports, studies, papers, and investigations of significant value to engineering colleges and cooperating agencies for research.

Section 2. Its membership shall consist of institutions complying with the By-laws of the Research Council. There shall be Active (voting) and Associate (non-voting) membership. Each membership shall be entitled to one or more representatives designated by the proper officer of each member institution. Each Active Institutional membership shall have but one vote. All Institutional memberships shall be admitted by the Research Council.

Section 3. There shall be an Executive Committee of, and constituted by, the Engineering College Research Council; provided, however, that the Vice President of the Society associated with this Council shall be Chairman of the Council; and the President, Treasurer, and Secretary of the Society shall be ex officio advisory members without vote; and its powers shall be those delegated to it by this Council.

Section 4. The Engineering College Research Council shall determine its own By-laws which shall conform to the Constitution and By-laws of the Society.

Article VIII—Engineering College Administrative Council

Section 1. There shall be an Engineering College Administrative Council whose purpose shall be (*a*) to relate the engineering colleges to public welfare by close cooperation with the agencies of the Government; (*b*) to bring about cooperation among engineering colleges in the interest of the engineering profession, industry, and the public at large; (*c*) to bring about cooperation between the engineering colleges of this country and those of other lands; (*d*) to cooperate with engineering societies, trade organizations, and commercial groups in the interest of engineering education; (*e*) to act as an instrument of inquiry into problems which contribute to effective administration of engineering colleges; (*f*) to make the public conscious of the value of engineering education as a preparation for service to society in a technologic civilization.

Section 2. Its membership shall include one duly appointed representative of each such Active Institutional Members and Associate Institutional Members (non-voting) as are ad-

mitted to the Engineering College Administrative Council.

Section 3. There shall be an Executive Committee of, and constituted by, the Engineering College Administrative Council; provided, however, that the Vice President of the Society associated with this Council shall be Chairman of the Council; and the President, Treasurer, and Secretary of the Society shall be ex officio advisory members without vote; and its powers shall be those delegated to it by this Council.

Section 4. The Engineering College Administrative Council shall determine its own By-laws which shall conform to the Constitution and By-laws of the Society.

Article IX—Sections, Branches, Divisions, and Committees

Section 1. A section of the Society may be formed by members of the Society in two or more institutions and for all members within a territory prescribed by the General Council. A Section may be formed by a temporary organization which shall become a duly authorized section of the Society upon the approval of the General Council. Sections may determine their own form of organization, but shall operate in conformity with the Constitution and the By-laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Sections shall be self-sustaining.

Section 2. A Branch may be formed by members of the Society in any one or more institution(s) by a temporary organization, which shall become a duly authorized Branch of the Society upon approval by the Executive Board. Branches may determine their own form of organization, but shall operate in conformity with the Constitution and the By-laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Branches shall be self-sustaining.

Branches may cooperate with, or be a part of, other organizations having the same general purposes as this Society. The general purpose of Branches is to extend the interest in, and the discussion of, questions relating to the teaching of engineering students and to bring to the Society at large, through its publications, the activities in all institutions that will be serviceable to the members of the Society.

Section 3. The General Council may establish Divisions of the Society in areas of instructional responsibility generally existing in engineering colleges, e.g., mathematics, electrical engineering, etc., and in fields of major interest within the Society not directly related to instruction.

Section 4. The Executive Board, the General Council, the Engineering College Research Council, and the Engineering College Administrative Council may establish committees in their respective domains as prescribed in the By-laws.

Article X—Election of Officers

Section 1. The President, Treasurer, and four Vice Presidents, who must be members of the Society, shall be elected by mail ballot of the individual membership. The President and Treasurer shall be elected annually. The two Vice Presidents for General and Regional Activities shall be elected in alternate years. The Vice President for Instructional Division and Committee Activities and the Vice President for General Divisions and Committees shall be elected in alternate years. The two Vice Presidents associated with institutional membership shall be elected at the annual meeting of the Society in alter-

nate years for respective terms of two years by their respective councils.

Section 2. There shall be a Nominating Committee consisting of the three Junior Past Presidents, senior member to be chairman, and those General Council members elected by the Sections and Divisions whose terms expire in the year in which the annual meeting is held.

Section 3. By means of a form furnished at the beginning of each academic year, an opportunity shall be given to individual members of the Society to submit names of persons to be considered for nomination. These names, on the forms provided, shall be sent to the Secretary of the Society not less than thirty (30) days prior to the fall meeting of the General Council. The Secretary shall submit the suggested names to all members of the Nominating Committee. At the time of the fall meeting of the General Council the Nominating Committee shall select candidates whose names shall be made available to the entire membership in December or January. After the publication of the nominees proposed by the Nominating Committee, other nominations may be made by petition of 50 signatures of members of the Society in good standing. Each nominee must have indicated his willingness to serve if elected before his name can be placed on the ballot. In February or March ballots giving the names of all candidates will be provided. Ballots received by the Secretary by March 31 shall determine the election of the officers as of April 1. Their terms of office shall begin ten days after the date of the annual meeting.

Article XI—Dues

Section 1. There shall be no admission fee.

Section 2. The annual dues shall be as stated in the By-laws of the Society, and any change in the dues of individual membership shall be determined by letter ballot of such membership.

Section 3. A member elected prior to February 1 in any fiscal year shall pay the full dues of that year; if elected after February 1, he shall pay half the dues of that year.

Section 4. Dues are payable in advance at the beginning of each fiscal year and shall be considered in arrears if not paid by the end of the fiscal year for which they are assessed. Dues of new members are payable at the time of election and shall be considered in arrears if not paid by the end of the fiscal year within which they are elected.

Section 5. Members in arrears one year shall be retained on the roll of the Society. Members who are in arrears two years, and who have been duly notified by the secretary shall be dropped from the roll of the Society. Anyone who has been dropped from membership for non-payment of dues may renew his membership by applying in the usual way and paying the arrearage in dues for the year during which he received the JOURNAL OF ENGINEERING EDUCATION.

Section 6. Honorary members shall be exempt from payment of dues.

Article XII—Meetings

There shall be at least one annual meeting at such time and place as the Society at the preceding meeting, or the Executive Board, if the Society does not act, may determine. The Executive Board shall authorize the time and place of meetings held under the auspices of Divisions and Committees excepting those held at national conventions of the Society.

Article XIII—Publications

Section 1. The Executive Board shall authorize all official publications

of the Society and shall also prescribe the rights of the several grades of members in connection with these publications.

Section 2. Papers and discussions presented before Sectional, Branch, Divisional, and Annual meetings or submitted in contests in Section, Branches, Divisions, and the Society at large shall be the property of the Society and may be published as Society proceedings if authorized by the Publications Committee. The Secretary shall have authority to waive property rights of the Society or to grant permission to publish such papers and discussions elsewhere on condition that the Society receives proper credit.

Article XIV—Amendments

This constitution may be amended by a favorable vote of the individual members of the Society, the proposed amendment being approved if at least two-thirds of the ballots returned within thirty (30) days after they are mailed out are favorable; and provided further (*a*) that the proposed amendment has first been voted upon by each of the three Councils of the Society and (*b*) that the results of such votes be recorded in the notice sent out to the membership with the ballots.

BY-LAWS OF THE SOCIETY

First. The Executive Board shall arrange for the annual meeting and prepare a program for it.

Second. Each Vice President shall submit a proposed budget for the activities for which he is responsible, to the Executive Board through the Secretary, who shall incorporate it with the General Budget so that the total proposed budget may be submitted to the Executive Board before May 1.

Third. Disbursements from the funds of the Society shall be made by the Treasurer in accordance with the approved budget or a direct appropriation authorized by the Executive Board for a special purpose, and upon vouchers signed by the Secretary of the Society.

Fourth. Within the ceiling limits for dues hereby established, the dues of members may be adjusted annually by the General Council at the same Council Meeting at which the annual budget is considered. The dues shall be so adjusted within the ceiling limits hereby established that over a reasonable period of years the Society shall not incur a deficit that in the opinion of the General Council might endanger continuity of operations.

The ceiling on dues shall be $7.00 per year for those who have not reached their 36th birthday at the beginning of the fiscal year (July 1) and $10.00 per year for all other individual members. Except for the first year after the adoption of this By-law, the increase in dues approved at any one time shall not exceed $1.00 for individual members.

During the first year after adoption of this By-Law, the dues for individual members will be $6.00 for members who have not reached their 36th birthday by July 1, 1954, and $8.00 for all other members.

The annual dues of institutional members will be as follows:

1. Active Members
   a. Participating in both Institutional Councils, $50.00.
   b. Participating in only one Institutional Council, $35.00
2. Associate Members, $50.00
3. Industrial Members, $50.00
4. Affiliate Members, $25.00

Fifth. The fiscal year of the Society shall be July 1 to June 30.

Sixth. The Secretary of the Society shall be secretary of the Executive Board.

Seventh. Committees reporting to either Institutional Council shall be authorized by the Executive Committee concerned and be appointed by the Vice President concerned. Committees of Sections, Branches, or Divisions shall be authorized by the body concerned and be appointed by the chairman of the body concerned. The ASEE Awards Committees (both for specific Society prizes and for coordination of award activities), the Membership Committees, the Financial Policy Committee, the Publications Committee, the Public Relations Committee, the Annual Meeting Committee, and the Constitution and By-Laws Committee are appointed by the President and are responsible to the Executive Board. Other standing committees and committees for special projects authorized by the Executive Board and General Council shall be appointed by the President with staff responsibility designated to the appropriate Vice President.

Eighth. There shall be a Publication Committee consisting of the President, the junior Past President, the Editor (appointed by the Executive Board), the Chairman of the English Division (ex-officio), the Secretaries of Engineering College Administrative Council and Engineering College Research Council, and the Secretary of the Society, who shall be chairman. It shall be responsible to the Executive Board for the general administration of all official publications of the Society.

The Editor shall be in direct charge of the JOURNAL OF ENGINEERING EDUCATION. Publications authorized by the Engineering College Research Council and the Engineering College Administrative Council shall be edited and published in accordance with plans of procedure recommended by these respective Councils and approved by the Executive Board.

The selling price of all publications shall be determined by the Executive Board on recommendation of the Publications Committee.

All income from publications shall be classified as income of the Society applicable to the annual budget of the Society.

Ninth. The Awards Policy Committee is responsible for establishing and coordinating policy, including procedures for presentations, with respect to awards presented in the name of the society or a constituent part of the society.

Tenth. These By-laws, excepting as they relate to dues of individual members, may be amended by a two-thirds vote of the members present at any regular meeting of the Society, provided that all individual and institutional members have been notified of the proposed amendment by notices published in the JOURNAL at least thirty (30) days prior to the said regular meeting at which action is to be taken, and provided further that the proposed amendment has first been voted upon by the General Council and the results of such vote recorded in the notice sent out for the meeting at which the proposed amendment is to be acted upon.

The dues of individual members may be changed only by a majority vote received by letter ballot of individual members.

ASEE ANNUAL MEETING

PITTSBURGH, JUNE 15-19, 1959

BY-LAWS

Engineering College Research Council

FORMERLY THE ENGINEERING COLLEGE RESEARCH ASSOCIATION

(As Amended, June, 1948)

I. NAME

The name of this organization shall be the Engineering College Research Council of the American Society for Engineering Education.

II. PURPOSES

The purposes of the Engineering College Research Council, as set forth in Article VIII (Section 1) of the Constitution of the American Society for Engineering Education, shall be to assist in developing research facilities of engineering colleges:

a). To further advanced study in colleges of engineering and to develop and coordinate industrial and scientific research;

b). To undertake research designed to promote engineering advancement and economic adjustment in industry, public works, public health, and conservation and development of natural resources, and similar activities;

c). To cooperate with other associations and government agencies in the prosecution and promotion of research and to collaborate with them to prevent duplication of effort and achieve maximum utilization, coordination, and development of engineering and scientific research facilities; and

d). To publish periodic reports, studies, papers, and investigations of significant value to engineering colleges and cooperating research agencies.

III. MEMBERSHIP

1. Active membership in the Engineering College Research Council shall be confined to institutions of higher education granting degrees in engineering, which normally require four or more years of academic study and which have one or more engineering curricula accredited by the Engineers' Council for Professional Development, or if not within its jurisdiction, must have one or more engineering curricula whose standards as judged by a competent accrediting agency are no lower than those of that Council, *provided* that the research organization or activity of the institution shall have existed for at least three (3) years and that the institution shall have expended for engineering research during the three fiscal years next preceding the date of its admission to the Council not less than ten thousand dollars ($10,000). The term "research" as used herein means original investigations including the discovery of new processes, devices, or materials and does not include routine testing. Membership may preferably be taken out by the institution in the name of its Engineering Experiment Station, Engineering Research Institute or Division, or Engineering College, School, or Department.

2. A member institution must maintain a high record of performance in engineering research to remain in good standing as an active member.

3. Associate membership shall be confined to libraries, associations, companies, or individuals having an interest in engineering research such as to warrant, in the opinion of the Executive Committee of the Council, affiliation with the Council. Associate members shall have no vote, but may otherwise participate in all of the activities of the Council.

4. An institution may be proposed for membership in the Engineering College Research Council by an official representative of any member institution who is familiar with the work of the institution proposed; or application for admission may be made directly by a responsible officer of the institution concerned.

5. Applications for membership in the Engineering College Research Council shall be addressed to the Secretary of the American Society for Engineering Education, who shall refer such applications to the Executive Committee of the Engineering College Research Council.

6. Membership shall be conferred by the Executive Committee of the Engineering College Research Council by a two-thirds vote of the members of the Committee, after the eligibility of the applicant for membership in the Council shall have been determined by the Executive Board of the American Society for Engineering Education.

7. Membership in the Engineering College Research Council may be cancelled by a three-fourths vote of the members of the Council present at a called meeting and upon the recommendation of the Executive Committee for such causes as (1) poor technical performance, (2) acts tending to bring the Council into disrepute.

8. The executive Committee of the Engineering College Research Council may cancel membership in the Council for non-payment of dues.

9. Each active member of the Engineering College Research Council shall be entitled to one vote. The vote for each institutional member shall be cast by the person authorized by the President of the Institution as its representative to the Council.

IV. Dues

Dues to be paid for membership in the Engineering College Research Council shall be as specified in the Constitution and By-laws of the American Society for Engineering Education and shall be payable to the Treasurer of that Society.

V. Officers

1. The officers of the Engineering College Research Council shall consist of a Chairman, two Vice-Chairmen, a Secretary, and six Directors. These officers, with the exception of the Secretary, shall constitute the voting members of the Executive Committee of the Council.

2. The President, Secretary, and Treasurer of the American Society for Engineering Education shall be ex-officio advisory members without vote of the Executive Committee of the Engineering College Research Council.

3. The Chairman and two Vice-Chairmen of the Engineering College Research Council shall be elected by the method provided in these By-laws for two (2) years. The Directors shall be elected by the method provided in these By-laws for terms of three (3) years. The Secretary shall be appointed by the Executive Committee.

4. The Chairman of the Engineering College Research Council shall perform the executive duties which usually devolve upon that office. He shall, by virtue of his office in the Engineering College Research Council, hold office as a Vice-President of the American Society for Engineering Education.

5. The Chairman of the Engineering College Research Council, with the advice of the Executive Committee, shall appoint such committees as are deemed necessary; except that he shall recommend to the President of the American Society for Engineering Education the personnel of the Engineering College Research Council Committee on Publications which shall constitute a Subcommittee of the Publication Committee of the American Society for Engineering Educaton, the personnel of which shall be approved by the Executive Board of the American Society for Engineering Education.

6. The Chairman of the Engineering College Research Council shall receive and account for all gifts of funds or property to the Council and shall approve all bills and vouchers for payment by the Treasurer of the American Society for Engineering Education to cover expenses of the Engineering College Research Council.

7. The functions and duties of the Executive Committee of the Engineering College Research Council shall be as follows:

a). The Executive Committee shall have charge of all matters relating to the expenditure of funds budgeted to the Engineering College Research Council by the Executive Board of the American Society for Engineering Education, the making of contracts, and the approval of bills.

b). The Executive Committee shall authorize all official publications of the Council as provided by Article VIII (Section 1) of the Constitution of the American Society for Engineering Education.

c). During intervals between meetings of the Engineering College Research Council, the Executive Committee shall formulate the general policies of the Council.

d). The Executive Committee shall, before May 1 of each year, prepare an Engineering College Research Council budget for the following fiscal year to be submitted to the Executive Board of the American Society for Engineering Education by the President of the Council.

e). The Executive Committee shall submit a report of its activities at each annual meeting of the Council.

f). A quorum of the Executive Committee for the transaction of business shall comprise five (5) of its voting members.

8. Any elected officer of the Engineering College Research Council may be re-elected to succeed himself for two (2) consecutive terms. Thereafter at least one term shall elapse before he is again eligible to hold the same office.

9. A member of the Executive Committee of the Engineering College Research Council may be elected to an office of the Coun-

cil other than the one he holds, but his former membership on the Committee shall cease and another person shall be elected at once to finish his unexpired term as a member of the Committee.

10. In case of vacancy of the office of Chairman, the Senior Vice-Chairman shall succeed to that office. Any vacancy in an office of the Executive Committee except that of the Chairman shall be filled by a special election for that purpose.

11. No elected officer may receive any salary from the Engineering College Research Council.

12. The term of newly-elected officers shall begin on July 1 following the annual election. In the case of special elections, the term of the newly elected officers shall begin ten (10) days after their election. Elected officers shall hold office until their successors shall have been elected and qualified.

VI. Elections

1. The Chairman of the Engineering College Research Council shall be elected biennially. One Vice-Chairman and two Directors shall be elected annually.

2. At each annual meeting the Executive Committee of the Engineering College Research Council shall elect by majority vote of those present a Nominating Committee of three (3) members to serve during the ensuing year. For regular annual elections of officers, the Nominating Committee shall nominate one or more members for each vacancy. A letter ballot containing these nominations with spaces provided for writing names of candidates other than those nominated shall be circulated to the members not less than sixty (60) days before the date of the annual meeting and shall be returnable to the Secretary of the Council not later than five (5) days before the date of the annual meeting. Election shall be by plurality vote for each office.

3. Special elections to fill vacancies in the membership of the Executive Committee shall be conducted by the method just described except that a nomination or nominations shall be made by the Nominating Committee within thirty (30) days after the vacancy occurs and the ballots shall be canvassed within thirty (30) days after the date of mailing ballot forms to members.

VII. Fiscal Year

The fiscal year of the Engineering College Research Council shall be from July 1 to June 30.

VIII. Meetings

1. A meeting for the transaction of the business of the Engineering College Research Council shall be held each year at approximately the same time and place as the annual meeting of the American Society for Engineering Education. The time and place of the annual meeting of the Council shall be announced to the membership of the Council not less than sixty (60) days before the date of the meeting.

2. Special meetings of the Engineering College Research Council may be called by the Executive Committee as needed upon thirty (30) days' notice to the membership of the Council.

3. Meetings of the Executive Committee of the Engineering College Research Council may be called by the Chairman as needed upon fifteen (15) days' notice to the membership of the Committee.

IX. Gifts

1. The Engineering College Research Council may accept gifts from individuals, firms, or associatons, from the Federal Government, or from State Governments, or their agencies, provided that such gifts are for the furtherance of the purposes of the Council.

2. Custody of funds or property received as gifts of the Engineering College Research Council shall be the responsibility of the Chairman of the Council.

3. The Engineering College Research Council may use, expend, or dispose of the funds or property received from gifts or from other sources in accord with the terms of the gifts or, as near as may be, in carrying out their general objects and purposes and may generally expend the funds in furtherance of the purposes of this organization as set forth in these By-laws and in Article VIII (Section 1) of the Constitution of the American Society for Engineering Education.

X. Amendments to By-Laws

These By-laws may be amended by a two-thirds vote of the members of the Engineering College Research Council canvassed by letter ballot. Proposed amendments shall be submitted in writing to the Secretary of the Council by petition signed by not fewer than ten (10) members of the Council. Proposed amendments shall be circulated by mail to the members of the Council and shall be voted upon by letter ballot, the vote to be canvassed by the Secretary not less than thirty (30) days following the circulation of the amendment.

BY-LAWS

Engineering College Administrative Council

(Adopted November, 1948)

I. Name

The name of this organization shall be the Engineering College Administrative Council of the American Society for Engineering Education.

II. Purposes

The purposes of the Engineering College Administrative Council, as set forth in Article III (Section 1) of the Constitution of The American Society for Engineering Education, shall be:

a). To relate the engineering colleges to public welfare by close cooperation with the agencies of the Government;

b). To bring about cooperation among engineering colleges in the interest of the engineering profession, industry, and the public at large;

c). To bring about cooperation between the engineering colleges of this country and those of other lands;

d). To cooperate with engineering societies, trade organizations, and commercial groups in the interest of engineering education;

e). To act as an instrument of inquiry into problems which contribute to effective administration of engineering colleges;

f). To make the public conscious of the value of engineering education as a preparation for service to society in a technologic civilization.

III. Membership

Membership in the Engineering College Administrative Council shall consist of one duly appointed representative of each such Active Institutional Members and Associate Institutional Members (non-voting) as are admitted to the Engineering College Administrative Council.

IV. Executive Committee

1. There shall be an Executive Committee of, and constituted by, the Engineering College Administrative Council; provided, however, that the Vice President of the Society associated with this Council shall be Chairman of the Council; and the President, Treasurer, and Secretary of the Society shall be ex-officio advisory members without vote; and its powers shall be those delegated to it by this council.

2. The Executive Committee shall consist of seven (7) elected members including its officers. These members shall be duly appointed representatives of Active Institutional members and shall constitute the voting members of the Executive Committee.

V. Officers

1. The officers of the Engineering College Administrative Council shall consist of a Chairman and a Secretary who shall perform the duties which usually devolve upon those officers.

2. The Chairman, the Secretary, and the remaining five (5) members of the Executive Committee shall be elected by the method provided in these By-Laws for terms of two (2) years, except that at the first election after adoption of these By-Laws two (2) members of the Executive Committee, other than the officers, shall be elected for one (1) year terms.

3. Any elected office of the Engineering College Administrative Council may be reelected to succeed himself for two (2) consecutive terms; thereafter at least one (1) term shall elapse before he is again eligible to hold the same office.

4. In case of vacancy of the office of Chairman, that office shall be filled by a special election for that purpose to fill the unexpired term. In case of vacancy of the office of Secretary or a vacancy in the membership of the Executive Committee, the remaining members of the Executive Committee shall fill the vacancy for the unexpired term by a majority vote.

5. The term of newly-elected officers except those filling vacancies shall begin ten (10) days after the annual election. The terms of office of those elected to fill vacancies shall begin immediately after their election.

VI. Elections

The Chairman and Secretary of the Engineering College Administrative Council

and two (2) members thereof shall be elected biennially; with the exception noted in Article V, Section 2. The three (3) remaining members of the Executive Committee shall be elected in the alternate years.

2. Prior to each annual meeting of the Society, the Chairman of the Executive Committee of the Engineering College Administrative Council, with the approval of that Committee, shall appoint a Nominating Committee of three (3) members to serve for the elections during that annual meeting.

For regular annual elections of officers, the Nominating Committee shall nominate one or more members for each vacancy. A letter ballot containing these nominations, with spaces provided for writing names of candidates other than those nominated, shall be circulated to the members not less than sixty (60) days before the date of the annual meeting and shall be returnable to the Secretary of the Council not later than five (5) days before the date of the annual meeting. Elections shall be by plurality vote for each office.

Special elections to fill vacancies in the membership of the Executive Committee shall be conducted by the method just described except that a nomination or nominations shall be made by the Nominating Committee within thirty (30) days after the vacancy occurs and the ballots shall be canvassed within thirty (30) days after the date of mailing ballot forms to members.

VII. Fiscal Year

The fiscal year of the Engineering College Administrative Council shall be from July 1 to June 30.

VIII. Meetings

1. A meeting for the transaction of the business of the Engineering College Administrative Council shall be held each year at approximately the same time and place as the annual meeting of the American Society for Engineering Education. The time and place of the annual meeting of the Council shall be announced to the membership of the Council not less than sixty (60) days before the date of the meeting.

2. Special meetings of the Engineering College Administrative Council may be called by the Chairman of the Executive Committee as needed upon reasonable notice to the membership of the Council.

IX. Amendments to By-Laws

These By-Laws may be amended by a two-thirds vote of the members of the Engineering College Administrative Council present at any annual meeting. Amendments may be submitted by majority vote of the members of the Executive Committee of the Council, or by petition signed by not fewer than ten (10) members of the Council. Proposed amendments shall be circulated by mail to members of the Council not less than thirty (30) days prior to the annual meeting at which the amendments will be presented for adoption.

USE OF DIRECTORY DATA

Use of information obtained from this Directory for mailing of advertising literature and other purposes not related to the activities of the Society is prohibited without the special approval of the Executive Board of the American Society for Engineering Education. Inquiries concerning Directory materials and their use should be directed to the Secretary of the Society, W. Leighton Collins, University of Illinois, Urbana.

SECTION MEETINGS

Section	*Location of Meeting*	*Dates*	*Chairman of Section*
Allegheny	Pittsburgh, Pa.	June 15, 1959	J. R. Smith, Univ. of Pittsburgh
Illinois-Indiana	Bradley University	May 9, 1959	R. E. Gibbs, Bradley University
Kansas-Nebraska	Univ. of Kansas	Oct. 1959	J. S. Blackman, Univ. of Nebraska
Michigan	Lawrence Inst. of Technol., Detroit	May 9, 1959	M. M. Ryan, Lawrence Institute of Technology
Middle Atlantic	U. S. Military Academy, West Point, N. Y.	May 9, 1959	K. J. Moser, Stevens Institute of Technology
Missouri-Arkansas	Missouri School of Mines	April 4, 1959	A. W. Schlechten, Missouri Sch. of Mines
National Capital Area	Johns Hopkins	Feb. 17, 1959	K. C. Harder, Office of Naval Research, Navy Dept.
New England		Oct. 1959	G. A. Marston, Univ. of Mass.
North Midwest	Iowa State	Oct. 1959	E. H. Ohlsen, Iowa State College
Ohio	Univ. of Dayton	April 24–25, 1959	M. L. Graney, Univ. of Dayton
Pacific Northwest	Montana State College	May 8–9, 1959	G. J. Herman, Montana State College
Pacific Southwest	Los Angeles State College	Dec. 28–29, 1959	Bonham Campbell, UCLA
Rocky Mountain	Utah State University	Apr. 24–25, 1959	C. H. Milligan, Utah State Univ.
Southeastern	University of Alabama	April 2–3, 1959	J. C. Reed, Univ. of Florida
Southwest	New Mexico A & M	Mar. 26–27, 1959	I. W. Santry, Southern Methodist U
Upper N. Y.-Ontario	Rensselaer Polytechnic Institute	Oct. 1959	W. W. Shuster, Rensselaer

Membership Directory

Institutional Members

ACTIVE MEMBERS

ECAC—Active Institutional Members participate in the Engineering College Administrative Council. The Dean of Engineering or Director of the Division of Engineering is the usual representative on ECAC. In institutions which have no Dean of Engineering, the President serves as Institutional Representative unless he has designated some other suitable official.

ECRC—Institutions appearing in bold face (for example, **Air Force Institute of Technology**) are also members of the Engineering College Research Council. The representative to the ECRC is so designated.

Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, Brig. General C. E. Combs, *Commandant,* G. R. Graetzer, *Dean and ECAC Representative,* B. E. Gatewood, *Research Coordinator and ECRC Representative* 1956

UNIVERSITY OF AKRON, Akron 4, Ohio, N. P. Auburn, *President,* R. D. Landon, *Dean and ECAC Representative* 1914

Alabama Polytechnic Institute, Auburn, Ala., R. B. Draughon, *President,* F. H. Pumphrey, *Dean, Director of Research, ECAC and ECRC Representive* 1914

University of Alabama, University, Ala., F. A. Rose, *President,* J. R. Cudworth, *Dean and ECAC and ECRC Representative,* W. McC. Neale, Jr., *Assistant Director, Bureau of Engineering Research* 1923

UNIVERSITY OF ALASKA, College, Alaska, E. N. Patty, *President,* K. E. Young, *Dean of Faculty,* Charles Sargent, *ECAC Representative, Head, Civil Engineering Department* 1941

University of Arizona, Tucson, Ariz., R. A. Harvill, *President,* T. L. Martin, Jr., *Dean, ECAC and ECRC Representative* 1941

University of Arkansas, Fayetteville, Ark., J. T. Caldwell, *President,* G. F. Branigan, *Dean and ECAC Representative,* J. R. Bissett, *Director of Research and ECRC Representative* 1921

BRADLEY UNIVERSITY, Peoria, Ill., H. P. Rodes, *President,* R. E. Gibbs, *Dean and ECAC Representative* 1943

Polytechnic Institute of Brooklyn, Brooklyn, N. Y., E. Weber, *President and Director of Research,* W. L. McCabe, *Dean and ECAC Representative,* H. P. Wile, *Administrator of Research and ECRC Representative* 1921

Brown University, Providence 12, R. I., B. C. Keeney, *President,* D. C. Drucker, *Chairman of Engineering and ECAC Representative,* W. R. Benford, *Executive Officer and ECRC Representative* 1914

Bucknell University, Lewisburg, Pa., M. M. Odgers, *President,* H. F. Eckberg, *Director of Engineering, ECAC and ECRC Representative* 1925

California Institute of Technology, 1201 E. California, Pasadena, Calif., L. A. DuBridge, *President,* F. C. Lindvall, *Chairman of Engineering, ECAC and ECRC Representative* 1913

University of California, Berkeley 4, Calif., Clark Kerr, *President,* M. P. O'Brien, *Dean and ECAC Representative,* E. R. Parker, *Director of Research and ECRC Representative* 1937

University of California, Los Angeles 24, Calif., Clark Kerr, *President,* L. M. K. Boelter, *Dean, ECAC and ECRC Representative* 1948

Carnegie Institute of Technology, Pittsburgh, Pa., J. C. Warner, *President,* B. R. Teare, Jr., *Dean, ECAC and ECRC Representative* 1915

Case Institute of Technology, 10900 Euclid Avenue, Cleveland 6, Ohio, T. K. Glennan, *President,* K. H. Smith, *Acting President,* K. B. McEachron, Jr., *Dean of Instruction and ECAC Representative,* R. H. Thomas, *Coordinator of Research and ECRC Representative* 1913

Catholic University of America, Washington 17, D. C., Rt. Rev. Msgr. Wm. McDonald, *Rector,* D. E. Marlowe, *Dean and ECAC Representative,* F. A. Biberstein, *Coordinator of Research and ECRC Representative* 1917

University of Cincinnati, Cincinnati 21, Ohio, W. C. Langsam, *President,* H. K. Justice, *Dean, ECAC Representative,* F. O'Flaherty, *Director of Research Foundation* 1917

THE CITADEL, The Military College of South Carolina, Charleston, S. C., M. W. Clark, *President,* L. K. Himelright, *Head, Department of Civil Engineering and ECAC Representative* 1914

Clarkson College of Technology, Potsdam, N. Y., W. G. Van Note, *President,* E. McHugh, *Dean of Faculty and ECAC Representative,* H. L. Shulman, *Director of Research and ECRC Representative* 1938

Clemson College, Clemson, S. C., R. C. Edwards, *Acting President,* J. H. Sams, *Dean, ECAC and ECRC Representative* 1913

Colorado State University, Fort Collins, Colo., W. E. Morgan, *President,* T. H. Evans, *Dean and ECRC Representative* 1923

Colorado School of Mines, Golden, Colo., J. W. Vanderwilt, *President,* T. H. Kuhn, *Dean and ECAC Representative* 1929

University of Colorado, Boulder, Colo., Quigg Newton, *President,* C. L. Eckel, *Dean, ECAC and ECRC Representative* 1915

Columbia University, New York, N. Y., G. Kirk, *President,* J. R. Dunning, *Dean,* J. M. Garrelts, *Associate Dean and ECRC and ECAC Representative* 1923

University of Connecticut, Storrs, Conn., A. N. Jorgensen, *President,* Harold Torgersen, *Dean and ECAC and ECRC Representative* 1941

COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART, New York, N. Y., E. S. Burdell, *President,* N. L. Towle, *Dean and ECAC Representative* 1927

Cornell University, Ithaca, N. Y., D. W. Malott, *President,* S. C. Hollister, *Dean, Director of Research, ECAC and ECRC Representative* 1913

Dartmouth College, Thayer School of Engineering, Hanover, N. H., J. S. Dickey, *President,* W. P. Kimball, *Dean and ECAC Representative,* M. G. Morgan, *Director of Research and ECRC Representative* 1940

University of Dayton, Dayton 9, Ohio, A. L. Seebold, *President,* M. Graney, *Dean and ECAC Representative,* J. R. Westerheide, *Director of Research and ECRC Representative* 1953

University of Delaware, Newark, Del., J. Perkins, *President,* Lyle G. Clark, *Acting Dean of Engineering, ECAC and ECRC Representative* 1916

University of Denver, Denver 10, Colo., C. M. Alter, *Chancellor,* C. M. Knudson, *Dean and ECAC Representative,* S. A. Johnson, Jr., *Director of Research and ECRC Representative* 1941

University of Detroit, Detroit, Mich., C. J. Steiner, *President,* J. J. Uicker, *Acting Dean,* C. G. Duncombe, *Chairman, Engineering Research Council and ECRC Representative* 1924

DREXEL INSTITUTE OF TECHNOLOGY, Philadelphia, Pa., James Creese, *President,* L. A. Brothers, *Dean and ECAC Representative* 1914

DUKE UNIVERSITY, Durham, N. C., A. H. Edens, *President,* W. J. Seeley, *Dean and ECAC Representative* 1932

ECOLE POLYTECHNIQUE, Montreal, Quebec, Canada, I. Brouillet, *President,* H. Gaudefroy, *Dean, ECAC,* J. C. Bernier, *Director of the Research Center* 1917

FENN COLLEGE, Cleveland 15, Ohio, G. B. Earnest, *President,* W. A. Patterson, *Dean and ECAC Representative* 1940

University of Florida, Gainesville, Fla., J. W. Reitz, *President,* J. Weil, *Dean and ECAC Representative,* L. E. Grinter, *Dean of Graduate School and Director of Contract Research,* M. E. Forsman, *ECRC Representative* 1928

GEORGE WASHINGTON UNIVERSITY, Washington, D. C., C. H. Marvin, *President,* M. A. Mason, *Dean and ECAC Representative* 1913

Georgia Institute of Technology, Atlanta, Ga., E. D. Harrison, *President,* J. W. Mason, *Dean and ECAC Representative,* J. E. Boyd, *Director of Engineering Experiment Station and ECRC Representative* 1913

Harvard University, Cambridge 38, Mass., N. M. Pusey, *President,* H. Brooks, *Dean,* A. Haertlein, *Associate Dean of Engineering and Applied Physics, ECAC and ECRC Representative* 1919

UNIVERSITY OF HAWAII, Honolulu 14, Hawaii, L. H. Snyder, *President*, O. A. Bushnell, *Acting Dean and ECAC Representative* 1923

University of Houston, Houston, Tex., A. D. Bruce, *Chancellor*, C. W. Williams, *President*, F. M. Tiller, *Dean and ECAC Representative* 1953

HOWARD UNIVERSITY, Washington, D. C., M. W. Johnson, *President*, L. K. Downing, *Dean, ECAC Representative* 1937

UNIVERSITY OF IDAHO, Moscow, Idaho, D. R. Theophilus, *President*, A. S. Janssen, *Dean, Director of Engineering Experiment Station and ECAC Representative* ... 1924

Illinois Institute of Technology, Chicago, Ill., J. T. Rettaliata, *President*, R. G. Owens, *Dean and ECAC Representative*, J. C. Boyce, *Academic Vice President and ECRC Representative* 1921

University of Illinois, Urbana, Ill., D. D. Henry, *President*, W. L. Everitt, *Dean and ECAC Representative*, R. J. Martin, *Director of Engineering Experiment Station and ECRC Representative* 1914

Iowa State College, Ames, Iowa, J. H. Hilton, *President*, G. R. Town, *Dean and Director Engineering Experiment Station ECAC and ECRC Representative* 1913

State University of Iowa, Iowa City, Iowa, V. M. Hancher, *President*, F. M. Dawson, *Dean, ECAC and ECRC Representative*, H. Rouse. *Professor and Director, Iowa Institute of Hydraulic Research* 1913

Johns Hopkins University, Baltimore 18, Md., M. S. Eisenhower, *President*, R. H. Roy, *Dean and ECAC Representative*, H. R. Warfield, *Director, Institute for Cooperative Research, and ECRC Representative* 1921

Kansas State College, Manhattan, Kansas, J. A. McCain, *President*, M. A. Durland, *Dean, Director of Engineering Experiment Station, ECRC and ECAC Representative* 1917

University of Kansas, Lawrence, Kan., F. D. Murphy, *Chancellor*, J. S. McNown, *Dean and ECAC Representative*, J. O. Maloney, *Executive Director of the Kansas University Research Foundation and ECRC Representative* 1914

University of Kentucky, Lexington, Ky., F. G. Dickey, *President*, R. E. Shaver, *Dean and ECAC Representative*, M. Baker, *Director, Kentucky Research Foundation and ECRC Representative* 1925

LAFAYETTE COLLEGE, Easton, Pa., K. R. Bergethon, *President*, F. W. Slantz, *Dean of Engineering*, W. G. McLean, *Head, Department of Mechanics, ECAC Representative* 1915

Lehigh University, Bethlehem, Pa., M. D. Whitaker, *President*, L. V. Bewley, *Dean and ECAC Representative*, H. A. Neville, *Provost, Vice President, and ECRC Representative* 1914

LOUISIANA POLYTECHNIC INSTITUTE, Ruston, La., R. L. Ropp, *President*, B. T. Bogard, *Dean and ECAC Representative* 1949

Louisiana State University, University, La., T. H. Middleton, *President*, F. H. Fenn, *Dean ECAC and ECRC Representative* 1934

University of Louisville, Speed Scientific School, Louisville, Ky., P. G. Davidson, *President*, R. C. Ernst, *Dean of Speed Scientific School, President of Institute of Industrial Research and ECAC Representative*, M. H. Chetrick, *Director of Research and ECRC Representative* 1925

Lowell Technological Institute, Lowell, Mass., M. J. Lydon, *President*, C. F. Edlund, *Dean of Faculty*, C. R. Mingins, *Chairman of Engineering, ECRC Representative* 1951

University of Maine, Orono, Me., L. H. Elliot, *President*, W. S. Evans, *Dean, ECAC and ECRC Representative* 1917

MANHATTAN COLLEGE, Riverdale 71, N. Y., Brother Augustine Philip, *President*, Brother Amandus Leo, *Dean and ECAC Representative*, Brother Casimir Gabriel, *Dean of the College* 1933

Marquette University, 1515 West Wisconsin Avenue, Milwaukee 3, Wis., Very Reverend E. J. O'Donnell, S.J., *President*, A. B. Drought, *Dean and ECAC Representative*, J. D. Horgan, *Professor of Electrical Engineering and ECRC Representative* 1919

University of Maryland, College Park, Md., W. H. Elkins, *President*, F. T. Mavis, *Dean and ECAC Representative*, A. W. Sherwood, *Head of Aeronautical Engineering and ECRC Representative* 1923

Massachusetts Institute of Technology, Cambridge 39, Mass., J. A. Stratton, *President*, C. R. Soderberg, *Dean and ECAC Representative*, F. L. Foster, *Director, Division of Sponsored Research and ECRC Representative* 1918

UNIVERSITY OF MASSACHUSETTS, Amherst, Mass., J. P. Mather, *President*, G. A. Marston, *Dean and Director, Engineering Research Institute and ECAC Representative* 1950

MCGILL UNIVERSITY, Montreal, Quebec, Canada, F. Cyril James, *Principal*, R. E. Jamieson, *Dean* 1924

Michigan College of Mining and Technology, Houghton, Mich., J. R. Van Pelt, *President*, F. Kerekes, *Dean of Faculty and ECAC Representative*, G. W. Swenson *Director of Faculty Research and ECRC Representative* 1914

Michigan State University, East Lansing, Mich., J. A. Hannah, *President*, J. D. Ryder, *Dean, ECAC and ECRC Representative* 1933

University of Michigan, Ann Arbor, Mich., H. H. Hatcher, *President*, S. S. Attwood, *Dean and ECAC Representative*, R. E. Burroughs, *Director of Research Institute and ECRC Representative* 1913

University of Minnesota, Minneapolis 14, Minn., J. L. Morrill, *President*, A. Spilhaus, *Dean, Institute of Technology, ECAC and ECRC Representative* 1919

Mississippi State University, State College, Miss., B. F. Hilbun, *President*, H. C. Simrall, *Dean, ECAC and ECRC Representative* 1939

University of Mississippi, University, Miss., J. D. Williams, *Chancellor*, F. H. Kellogg, *Dean, Director of Engineering Experiment Station and ECAC and ECRC Representative* 1951

University of Missouri, Columbia, Mo., E. Ellis, *President*, H. O. Croft, *Dean, Director of Experiment Station, ECRC and ECAC Representative* 1914

Missouri School of Mines and Metallurgy, Rolla, Missouri, E. Ellis, *President*, C. L. Wilson, *Dean, ECAC and ECRC Representative, Director of Research* 1925

Montana School of Mines, Butte, Mont., E. G. Koch, *President*, D. C. McAuliffe, *Dean, ECAC Representative*, D. W. McGlashan, *Professor and Head of Research, Department of Mineral Dressing, ECRC Representative* 1938

Montana State College, Bozeman, Mont., R. R. Renne, *President*, E. W. Schilling, *Dean, ECAC and ECRC Representative, Director of Research* 1923

University of Nebraska, Lincoln 8, Nebr., C. M. Hardin, *Chancellor*, Merk Hobson, *Dean and ECAC Representative*, G. C. Ernst, *ECRC Representative* 1914

UNIVERSITY OF NEVADA, Reno, Nev., C. U. Armstrong, *President*, H. B. Blodgett, *Dean and ECAC Representative* 1943

NEWARK COLLEGE OF ENGINEERING, Newark, N. J., R. W. Van Houten, *President*, W. Hazell, Jr., *Dean and ECAC Representative* 1922

University of New Hampshire, Durham, N. H., E. L. Johnson, *President*, J. M. Smith, *Dean of Technology, Director of Engineering Experiment Station and ECRC Representative* 1923

New Mexico College of A. & M. Arts, State College, N. M., R. B. Corbett, *President*, M. A. Thomas, *Dean and ECAC Representative* 1917

University of New Mexico, Albuquerque, N. M., T. L. Popejoy, *President*, M. E. Farris, *Dean, Director, Engineering Experiment Station and ECAC Representative*, R. K. Moore, *Chairman, Department of Electrical Engineering, and ECRC Representative* 1937

New York State College of Ceramics, Alfred, N. Y., M. E. Drake, *President*, J. F. McMahon, *Dean*, W. G. Lawrence, *Chairman, Department of Research and ECRC Representative*, R. M. Campbell, *Chairman, Department of Ceramic Engineering and ECAC Representative* 1938

THE CITY COLLEGE OF THE COLLEGE OF THE CITY OF NEW YORK, Convent Avenue at 139 Street, New York 31, N. Y., B. G. Gallagher, *President*, W. Allan, *Dean and ECAC Representative* 1940

New York University, New York 53, N. Y., C. V. Newsom, *President*, J. R. Ragazzini, *Dean*, N. N. Barish, *Associate Dean and ECAC Representative*, H. K. Work, *Director of Research and ECRC Representative* 1913

North Carolina State College of the University of North Carolina, Raleigh, N. C., W. C. Friday, *President*, J. H. Lampe, *Dean and ECAC Representative*, N. W. Conner, *Director of Research and ECRC Representative* 1920

NORTH DAKOTA STATE COLLEGE, Fargo, N. D., F. S. Hultz, *President*, F. C. Mirgain, *Dean, ECAC and ECRC Representative* 1924

University of North Dakota, Grand Forks, N. D., G. W. Starcher, *President*, E. L. Lium, *Dean, ECAC and ECRC Representative* 1913

Northeastern University, Boston 15, Mass., C. S. Ell, *President,* W. T. Alexander, *Dean and ECAC Representative,* M. W. Essigmann, *Director of Research in Communications and ECRC Representative* 1921

Northwestern University, Evanston, Ill., J. Roscoe Miller, *President,* H. B. Gotaas, *Dean, ECAC and ECRC Representative* 1939

NORWICH UNIVERSITY, Northfield, Vermont, E. N. Harmon, *President,* L. E. Perry, *Dean,* W. D. Emerson, *ECAC Representative, Chairman, Permanent Engineering Committee* 1938

University of Notre Dame, Notre Dame, Ind., Rev. T. M. Hesburgh, C.S.C., *President,* M. J. Goglia, *Dean, ECAC and ECRC Representative* 1914

OHIO NORTHERN UNIVERSITY, Ada, Ohio, F. B. McIntosh, *President,* L. H. Archer, *Dean and ECAC Representative* 1937

The Ohio State University, Columbus 10, Ohio, N. G. Fawcett, *President,* H. A. Bolz, *Dean and ECAC Representative,* R. S. Green, *Executive Director, Engineering Experiment Station and ECRC Representative* 1921

OHIO UNIVERSITY, Athens, Ohio, John C. Baker, *President,* E. J. Taylor, *Dean, ECAC Representative* 1952

University of Oklahoma, Norman, Okla., G. L. Cross, *President,* W. H. Carson, *Dean, and ECAC Representative,* C. M. Sliepcevich, *Associate Dean and ECRC Representative* 1913

Oklahoma State University, Stillwater, Okla., O. S. Wilham, *President,* M. R. Lohmann, *Dean and ECAC Representative,* C. A. Dunn, *Executive Director, Division of Engineering Research and Experiment Station and ECRC Representative* 1933

Oregon State College, Corvallis, Ore., A. L. Strand, *President,* G. W. Gleeson, *Dean, ECAC and ECRC Representative* 1917

The Pennsylvania State University, University Park, Pa., E. A. Walker, *President,* M. A. Williamson, *Dean, ECAC and ECRC Representative* 1914

University of Pennsylvania, 107 Towne Building, Philadelphia 4, Pa., G. P. Harnwell, *President,* C. C. Chambers, *Vice President for Engineering Affairs, ECAC and ECRC Representative* 1930

University of Pittsburgh, Pittsburgh, Pa., E. H. Litchfield, *President,* G. R. Fitterer, *Dean, Director of Engineering Research Division, ECAC and ECRC Representative* 1913

Pratt Institute, 215 Ryerson St., Brooklyn 5, N. Y., R. F. Oxnam, *President,* W. E. Wilson, *Dean and ECAC Representative,* I. H. Shames, *Professor of Engineering Science and ECRC Representative* 1939

Princeton University, Princeton, N. J., R. F. Goheen, *President,* J. C. Elgin, *Dean and ECAC Representative,* R. J. Woodrow, *Executive Secretary, Board of Scientific and Engineering Research and ECRC Representative* 1922

Purdue University, Lafayette, Ind., F. L. Hovde, *President,* G. A. Hawkins, *Dean and ECAC Representative,* R. A. Morgen, *Assistant to the President for Research and ECRC Representative* 1915

QUEEN'S UNIVERSITY, Kingston, Ont., Canada, W. A. Mackintosh, *Vice-Chancellor and Principal,* H. G. Conn, *Dean and ECAC Representative,* R. L. Jeffry, *Chairman, Board of Graduate Studies and ECRC Representative* 1922

Rensselaer Polytechnic Institute, Troy, N. Y., R. G. Folsom, *President,* V. Lawrence Parsegian, *Dean and ECAC Representative,* G. H. Lee, *Director, Research Division and ECRC Representative* 1922

University of Rhode Island, Kingston, R. I., F. H. Horn, *President,* T. S. Crawford, *Dean, Director of Division of Engineering Research, ECRC and ECAC Representative* 1913

RICE INSTITUTE, Houston, Tex., W. V. Houston, *President,* A. J. Chapman, *Chairman of Mechanical Engineering Department and ECAC Representative* 1924

University of Rochester, Rochester 20, N. Y., C. W. de Kiewiet, *President,* L. D. Conta, *Acting Dean, ECAC and ECRC Representative* 1937

ROSE POLYTECHNIC INSTITUTE, Terre Haute, Ind., *President,* H. A. Moench, *Dean* ... 1916

Rutgers University, New Brunswick, N. J., M. W. Gross, *Acting President,* E. C. Easton, *Dean, ECAC and ECRC Representative* 1914

St. Louis University, St. Louis, Mo., Rev. P. C. Reinert, *President,* V. J. Blum, *Dean and Director of Research, ECAC and ECRC Representative* 1946

UNIVERSITY OF SANTA CLARA, Santa Clara, Calif., Rev. P. A. Donohoe, S.J., *President*, R. J. Parden, *Dean and ECAC Representative* 1937

University of South Carolina, Columbia, S. C., R. L. Sumwalt, *Acting President, Dean and ECAC Representative*, H. V. N. Flinsch, *Head of Civil Engineering and ECRC Representative* 1943

South Dakota School of Mines and Technology, Rapid City, S. D., F. L. Partlo, *President, ECAC and ECRC Representative* 1926

SOUTH DAKOTA STATE COLLEGE, Brookings, S. D., H. M. Briggs, *President*, M. L. Manning, *Dean and Director of Research* 1924

University of Southern California, Los Angeles, Calif., F. D. Fagg, *President*, R. E. Vivian, *Dean*, R. Chuan, *Director of Engineering Center*, G. T. Harness, *Associate Dean and ECRC Representative* 1938

Southern Methodist University, Dallas, Texas, W. M. Tate, *President*, E. H. Flath, *Dean, ECAC and ECRC Representative* 1929

SOUTHWESTERN LOUISIANA INSTITUTE, Lafayette, La., Joel L. Fletcher, *President*, Frederick W. Zur Burg, *Dean* 1944

Stanford University, Stanford, Calif., J. E. W. Sterling, *President*, J. M. Pettit, *Dean, ECAC and ECRC Representative* 1917

Stevens Institute of Technology, Hoboken, N. J., J. H. Davis, *President*, L. L. Merrill, *Dean of Faculty and ECAC Representative*, H. E. Orem, *Director of Research and ECRC Representative* 1913

Swarthmore College, Swarthmore, Pa., C. Smith, *President*, J. D. McCrumm, *Dean, ECAC and ECRC Representative* 1921

Syracuse University, Syracuse 10, N. Y., W. P. Tolley, *Chancellor*, R. A. Galbraith, *Dean and ECAC Representative*, C. S. Grove, Jr., *Director of Engineering Research and ECRC Representative* 1913

University of Tennessee, Knoxville, Tenn., C. E. Brehm, *President*, A. T. Granger, *Dean, ECRC and ECAC Representative* 1921

Agricultural and Mechanical College of Texas, College Station, Tex., M. T. Harrington, *President*, F. J. Benson, *Dean and ECAC Representative*, J. C. Calhoun, Jr., *Vice President for Engineering and ECRC Representative* 1916

Texas Technological College, Lubbock, Texas, E. N. Jones, *President*, J. R. Bradford, *Dean, Head, Engineering Research Institute and ECRC Representative* 1931

University of Texas, University Station, Austin, Tex., L. Wilson, *President*, W. W. Hagerty, *Dean, ECAC and ECRC Representative* 1919

University of Toledo, 2801 W. Bancroft Street, Toledo 6, Ohio, W. S. Carlson, *President*, O. Zmeskal, *Dean and ECAC Representative*, A. N. Solberg, *Executive Director of the Research Foundation and ECRC Representative* 1915

UNIVERSITY OF TORONTO, Toronto, Ontario, Canada, C. T. Bissell, *President*, R. R. McLaughlin, *Dean and ECAC Representative* 1917

Tufts University, Medford 55, Mass., N. Y. Wessell, *President*, A. S. Campbell, *Dean and ECAC Representative, Director of Research and ECRC Representative* . 1914

Tulane University, New Orleans 18, La., R. C. Harris, *President*, L. H. Johnson, *Dean and ECAC Representative*, R. V. Bailey, *Head of Engineering Research Institute* 1921

University of Tulsa, Tulsa, Okla., B. G. Henneke, *President*, R. L. Langenheim, *Dean and ECAC Representative*, F. T. Gardner, *Engineering Research Coordinator and ECRC Representative* 1940

UNION COLLEGE, Schenectady, N. Y., Carter Davidson, *President*, C. William Huntley, *Dean*, Walter Lowen, *ECAC Representative, Chairman Div. of Engineering* 1937

U. S. NAVAL POSTGRADUATE SCHOOL, Monterey, Calif., Rear Admiral E. E. Yeomans, *Superintendent*, R. S. Glasgow, *Dean, Director of Research and ECAC Representative* 1948

Utah State University, Logan, Utah, D. Chase, *President*, F. Peterson, Jr., *Dean, ECAC and ECRC Representative* 1940

University of Utah, Salt Lake City, Utah, A. R. Olpin, *President*, Samuel S. Kistler, *Dean and ECAC and ECRC Representative* 1914

VALPARAISO UNIVERSITY, Valparaiso, Ind., O. P. Kretzmann, *President*, H. C. Hesse, *Dean* 1958

Vanderbilt University, Nashville, Tenn., H. Branscomb, *Chancellor*, F. J. Lewis, *Dean and ECAC Representative*, D. Jacobs, *Director of Research and ECRC Representative* 1914

UNIVERSITY OF VERMONT, Burlington, Vt., J. T. Fey, *President*, E. R. McKee, *Dean and ECAC Representative* 1915

VILLANOVA UNIVERSITY, Villanova, Pa., J. A. Donnellon, *President*, J. S. Morehouse, *Dean and ECAC Representative* 1921

VIRGINIA MILITARY INSTITUTE, Lexington, Va., Maj. Gen. W. H. Milton, Jr., *Superintendent*, Brig. Gen. L. J. Davidson, *Dean of the Faculty*, Col. John S. Jamison, *Director of Engineering Training and ECAC Representative*, Col. I. G. Foster, *Director of Research* 1937

Virginia Polytechnic Institute, Blacksburg, Va., W. S. Newman, *President*, J. W. Whittemore, *Dean and ECAC Representative*, S. H. Byrne, *Assistant Dean and ECRC Representative* 1924

University of Virginia, Charlottesville, Va., C. W. Darden, Jr., *President*, L. R. Quarles, *Dean and ECAC Representative*, O. R. Harris, *Director, Engineering Experiment Station and ECRC Representative* 1915

Washington University, St. Louis 5, Mo., Ethon A. H. Shepley, *President*, Don A. Fischer, *Dean of Engineering and ECAC Representative*, Gustav Mesmer, *Director, Sever Institute and ECRC Representative* 1914

State College of Washington, Pullman, Wash., C. C. French, *President*, J. P. Spielman, *Dean and ECAC Representative*, H. W. Barlow, *Director and ECRC Representative* 1924

University of Washington, Seattle, Wash., C. E. Odegaard, *President*, H. E. Wessman, *Dean and ECAC Representative*, F. B. Farquharson, *Director Engineering Experiment Station* 1934

Wayne State University, Detroit 2, Mich., C. B. Hilberry, *President*, J. S. Johnson, *Dean, ECAC and ECRC Representative* 1945

WEBB INSTITUTE OF NAVAL ARCHITECTURE, Glen Cove, N. Y., Rear Admiral F. E. Haeberle, *Administrator and ECAC Representative*, B. C. Keeler, *Dean of Faculty* 1937

West Virginia University, Morgantown, W. Va., E. J. Stahr, Jr., *President*, C. A. Arents, *Dean and ECRC Representative*, W. A. Koehler, *Head of Chemical Engineering, Director of Engineering Experiment Station and ECAC Representative* . 1937

University of Wichita, 1845 Fairmount, Wichita, Kansas, H. Corbin, *President*, K. Razak, *Dean, Director of Research, ECAC and ECRC Representative* 1953

University of Wisconsin, Madison, Wis., C. A. Elvehjem, *President*, K. F. Wendt, *Dean, ECAC and ECRC Representative* 1913

Worcester Polytechnic Institute, Worcester, Mass., A. B. Bronwell, *President and ECRC Representative*, M. L. Price, *Dean of Faculty and ECAC Representative* .. 1913

University of Wyoming, Laramie, Wyo., G. D. Humphrey, *President*, H. T. Person, *Dean, ECAC and ECRC Representative* 1925

Yale University, New Haven, Conn., A. W. Griswold, *President*, Dana Young, *Dean, ECAC and ECRC Representative* 1917

INDUSTRIAL MEMBERS

A. B. DICK FOUNDATION, 5700 West Touhy Avenue, Chicago, Ill. *Representative:* A. B. Dick, III, President 1953

ACME STEEL COMPANY, Riverdale Station, Chicago 27, Ill. *Representative:* H. L. Bills, Vice President, Industrial Relations 1953

AEROJET-GENERAL CORPORATION, P. O. Box 296, Azuza, California. *Representative:* A. L. Wilson, *Manager of Personnel Development Department* 1958

AIR REDUCTION COMPANY, INC., 150 East 42nd Street, New York 17, N. Y. *Representative:* F. R. Balcar 1953

ALLIS-CHALMERS MANUFACTURING COMPANY, Box 512, Milwaukee 1, Wis. *Representative:* John Gammell, Director of Graduate Training 1952

ALUMINUM COMPANY OF AMERICA, 1501 Alcoa Building, Pittsburgh 19, Pa. *Representative:* R. L. Gaugler, *Manager of College Recruitment* 1953

AMERICAN CYANAMID COMPANY, 30 Rockefeller Plaza, New York 20, N. Y. *Representative:* Dr. F. H. Hurley, Manager of Placement and Development 1956

AMERICAN CAST IRON PIPE COMPANY, P. O. Box 2603, Birmingham 2, Ala. *Representative:* K. R. Daniel, Vice President in Charge of Engineering 1956

AMERICAN MACHINE & FOUNDRY COMPANY, 261 Madison Avenue, New York 16, N. Y. *Representative:* R. A. O'Brien, Personnel Director 1953

AMERICAN OIL COMPANY, P. O. Box 401, Texas City, Texas. *Representative:* P. E. Darling, *Director of Professional Recruiting* 1958

AMERICAN TELEPHONE AND TELEGRAPH COMPANY, 195 Broadway, New York 7, N. Y. *Representative:* W. R. Tatman, Personnel Relations 1952

AMERICAN VISCOSE CORPORATION, 1617 Pennsylvania Blvd., Philadelphia 3, Pa. *Representative:* W. M. Nolan 1956

ARMOUR AND COMPANY, Auxiliaries Group, 1355 West 31st Street, Chicago, Ill. *Representative:* J. Finnerty, *Assistant Personnel Manager* 1953

ARTHUR D. LITTLE, INC., 30 Memorial Drive, Cambridge 42, Mass. *Representative:* J. M. Jagger, Personnel Director 1953

THE ATLANTIC REFINING COMPANY, 260 S. Broad St., Philadelphia 1, Pa. *Representative:* W. F. Houghton, Research and Development Department 1956

BELL TELEPHONE LABORATORIES, Mountain Avenue, Murray Hill, N. J. *Representative:* W. W. Braunwarth, *Director of Technical Employment* 1953

BENDIX AVIATION CORPORATION, 1104 Fisher Building, Detroit 2, Mich. *Representative:* A. P. Fontaine, Vice President of Engineering 1953

BETHLEHEM STEEL COMPANY, 701 East 3rd Street, Bethlehem, Pa. *Representative:* A. M. Rupkey, Manager of Personnel 1953

BOEING AIRPLANE COMPANY, P. O. Box 3707, Seattle 24, Wash. *Representative:* S. M. Little, *Employment Administrator* 1953

CHARLES BRUNING COMPANY, INC., 1800 West Central Road, Mt. Prospect, Ill. *Representative:* J. C. Calkins, Educational Liaison Manager 1956

CALIFORNIA RESEARCH CORPORATION, 200 Bush Street, San Francisco 4, Calif. *Representative:* A. L. Lyman, President 1953

CATALYTIC CONSTRUCTION COMPANY, 1528 Walnut St., Philadelphia 2, Pa. *Representative:* A. McCone, Manager of Industrial Relations and Assistant to the President 1956

CATERPILLAR TRACTOR COMPANY, Peoria 8, Ill. *Representative:* W. C. van Dyck, *Manager, Education and Training* 1952

CHAMPION SPARK PLUG COMPANY, 900 Upton Avenue, Toledo 1, Ohio. *Representative:* R. K. Christie 1956

CHANCE VOUGHT AIRCRAFT, INCORPORATED, P. O. Box 5907, Dallas, Tex. *Representative:* C. A. Besio, Supervisor Engineering Personnel 1954

THE CHEMSTRAND CORPORATION, Decatur, Ala. *Representative:* A. D. Preston 1956

CHICAGO BRIDGE & IRON COMPANY, 1305 West 105th Street, Chicago 43, Ill. *Representative:* I. E. Boberg, *Vice President and Chief Engineer* 1958

CHRYSLER CORPORATION, P. O. Box 1118, Detroit 31, Mich. *Representative:* J. R. Robertson, Chief of Section, Personnel & General Services 1952

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, 55 Public Square, Cleveland 1, Ohio. *Representative:* C. A. Dauber, *Director of Civil and Mechanical Engineering Division* 1953

COLUMBIA GAS SYSTEM SERVICE CORPORATION, 120 East 41st Street, New York 17, N. Y. *Representative:* J. J. Famularo 1956

CONTINENTAL OIL COMPANY, Ponca City, Oklahoma. *Representative:* M. L. Sharrah, Manager, Development and Research Dept. 1953

CONVAIR, Division of General Dynamics Corporation, Fort Worth Division, Fort Worth, Texas. *Representative:* H. A. Bodley, *Engineering Administrative Group Supervisor* 1957

CORNING GLASS WORKS, Corning, N. Y. *Representative:* A. W. Weber, *Vice President and Director of Manufacturing Staffs* 1957

CRANE COMPANY, 836 South Michigan Avenue, Chicago, Ill. *Representative:* J. P. Magos, Director of Engineering and Research 1954

CRONAME, INCORPORATED, 6201 Howard Street, Chicago 48 (Niles), Ill. *Representative:* L. R. Gasper, *President* 1954

CUTLER-HAMMER, INC., 315 North 12th Street, Milwaukee 1, Wis. *Representative:* T. B. Jochem, *Technical Personnel Supt.* 1957

DEERE & COMPANY, 1325—3rd Avenue, Moline, Ill. *Representative:* E. H. Case, Director of College and University Relations 1953

DETROIT EDISON COMPANY, 2000 Second Avenue, Detroit 26, Mich. *Representative:* S. F. Leahy, *Vice President* 1952

DOUGLAS AIRCRAFT COMPANY, INC., 3000 Ocean Blvd., Santa Monica, Calif. *Representative:* C. C. LaVene, *Staff Assistant to Vice President of Engineering* 1956

DOW CHEMICAL COMPANY, Midland, Michigan. *Representative:* David H. Morgan, Director of College Relations 1957

THE DOW CHEMICAL COMPANY, Texas Division, Freeport, Texas. *Representative:* D. M. Duguid, *Personnel and Training Manager* 1958

EASTMAN KODAK COMPANY, 343 State Street, Rochester 4, New York. *Representative:* J. H. Howard, Business and Technical Personnel Director 1948

E. I. DU PONT DE NEMOURS AND COMPANY, INC., Wilmington 98, Del. *Representative:* T. H. Chilton, *Technical Advisor, Engineering Department* 1943

THOMAS A. EDISON INDUSTRIES, 51 Lakeside Avenue, West Orange, N. J. *Representative:* T. L. Dinsmore, *Assistant to Director of Research* 1952

ERIE RESISTOR CORPORATION, 644 West 12th Street, Erie, Pa. *Representative:* J. D. Heibel, Vice President, Research and Engineering 1956

ESSO RESEARCH AND ENGINEERING COMPANY, P. O. Box 175, Linden, N. J. *Representative:* P. W. Maloney 1952

FLORIDA POWER CORPORATION, 101 Fifth Street South, St. Petersburg, Fla. *Representative:* M. F. Bunnell, *Manager of Industrial Relations* 1953

FOOD MACHINERY AND CHEMICAL CORPORATION, Chemical Divisions, 161 East 42nd Street, New York 17, N. Y. *Representative:* J. G. Bronson 1953

FORD MOTOR COMPANY, The American Road, Dearborn, Michigan. *Representative:* Dewey F. Barich, *Assistant Manager* 1958

FREDERICK POST COMPANY, 3650 North Avondale Avenue, Chicago 18, Illinois. *Representative:* Robert Williams Jones, Manager, Educational Sales Division 1955

GENERAL DYNAMICS CORPORATION, 445 Park Avenue, New York 3, N. Y. *Representative:* C. M. Barlow, Coordinator of Educational Programs 1957

GENERAL ELECTRIC COMPANY, One River Road, Schenectady, N. Y. *Representative:* W. S. Hill 1952

GENERAL MOTORS CORPORATION, 3044 W. Grand Blvd., Detroit 2, Mich. *Representative:* K. A. Meade, Director, Educational Relations Section, Public Relations Department 1952

GENERAL MOTORS STYLING, General Motors Technical Center, Warren, Mich. *Representative:* Peter Kyropoulos, *Executive in Charge of Technical Development* 1958

GENERAL PETROLEUM CORPORATION, P. O. Box 2122, Terminal Annex, Los Angeles 54, Calif. *Representative:* E. L. De Maris 1957

GENERAL RADIO COMPANY, 22 Baker Avenue, West Concord, Mass. *Representative:* D. B. Sinclair 1953

THE B. F. GOODRICH COMPANY, 500 South Main Street, Akron 18, Ohio. *Representative:* R. P. Stock, Manager, Works Technical Group 1956

GOODYEAR TIRE & RUBBER COMPANY, 1144 East Market Street, Akron 16, Ohio. *Representative:* D. Thomas, Assistant Manager, Sales and Office Personnel 1956

HARPER AND BROTHERS, 49 East 33rd Street, New York 16, N. Y. *Representative:* K. B. Demaree, Editor, Science and Technical Books 1952

HERCULES POWDER COMPANY, INC., Wilmington, Dela. *Representative:* Dr. John C. Robinson, Jr., Personnel Mgr., Chemical Industry 1943

THE HOOVER COMPANY, North Canton, Ohio. *Representative:* L. K. Acheson, *Administrative Engineer* 1958

HUGHES AIRCRAFT COMPANY, Culver City, Calif. *Representative:* T. F. Ball, Head of Advanced Studies and Information 1956

HUGHES TOOL COMPANY, P. O. Box 2539, Houston 1, Texas. *Representative:* F. H. Berleth, *Director of Engineering Training* 1956

HUMBLE OIL AND REFINING COMPANY, Box 2180, Houston 1, Texas. *Representative:* R. N. Dyer, Head, Personnel Division 1953

ILLINOIS BELL TELEPHONE COMPANY, 208 W. Washington Street, Chicago 6, Ill. *Representative:* W. W. Schmalenberger, *General Employment Manager* 1958

ILLINOIS POWER COMPANY, 500 South 27th Street, Decatur, Ill. *Representative:* T. W. Schroeder, *Chief Electrical Engineer* 1958

INLAND STEEL COMPANY, East Chicago, Ind. *Representative:* M. Kraft, *Director, Training Department* 1953

INTERNATIONAL BUSINESS MACHINES CORPORATION, Electric Typewriter Division, Engineering Laboratory, Northern Belt Line Highway, Lexington, Kentucky. *Representative:* H. S. Beattie, *Manager of Engineering* 1958

INTERNATIONAL BUSINESS MACHINES CORPORATION, 590 Madison Avenue, New York 22, N. Y. *Representative:* R. E. Pattison, Director of Engineering Training 1953

INTERNATIONAL HARVESTER COMPANY, 180 North Michigan Avenue, Chicago 1, Ill. *Representative:* E. H. Reed, Manager, Educational and Personnel 1953

INTERNATIONAL MINERALS AND CHEMICAL CORPORATION, Old Orchard Road, Skokie, Ill. *Representative:* I. M. LeBaron, *Vice President* 1952

INTERNATIONAL NICKEL COMPANY, INC., 67 Wall Street, New York 5, N. Y. *Representative:* F. E. Allen, In Charge, Educational Service 1952

INTERNATIONAL PAPER COMPANY, Southern Kraft Division, Mobile, Ala. *Representative:* Samuel W. Jenkins, *Coordinator College Relations and Professional Employment* 1956

INTERNATIONAL TELEPHONE & TELEGRAPH CORPORATION, 67 Broad Street, New York, N. Y. *Representative:* J. E. Gaffney, *Manager of Technical and Professional Placement* 1958

INTERNATIONAL TEXTBOOK COMPANY, Scranton 15, Pa. *Representative:* K. R. Gromlich, Manager, Publishing Department 1952

INTERSTATE ELECTRONICS CORPORATION, 707 East Vermont Avenue, Anaheim, Calif. *Representative:* Robert L. Stipp, *Personnel Manager* 1958

IOWA ILLINOIS GAS AND ELECTRIC COMPANY, 206 East Second Street, Davenport, Iowa. *Representative:* E. F. Miller, *Manager, Electric Transmission and Distribution Department* 1958

JERSEY PRODUCTION RESEARCH COMPANY, 1113 N. Lewis, Tulsa 10, Okla. *Representative:* M. W. Kriegel, *Director of Placement* 1958

JOHN WILEY & SONS, INC., 440 Fourth Avenue, New York 16, N. Y. *Representative:* W. B. Wiley, Vice President and Treasurer 1952

JONES & LAUGHLIN STEEL CORPORATION, 3 Gateway Center, Pittsburgh 30, Pa. *Representative:* A. A. Archibald, Vice President, Engineering and Plant 1952

KENNECOTT COPPER CORPORATION, 161 East 42nd Street, New York 17, N. Y. *Representative:* J. D. East, Assistant to the President 1953

KENTUCKY UTILITIES COMPANY, 120 South Limestone Street, Lexington, Kentucky. *Representative:* Wm. A. Duncan, Vice President 1957

KEUFFEL & ESSER CO., Hoboken, N. J. *Representative:* M. G. Thomas, Manager, Educational Sales 1954

LEEDS & NORTHRUP CO., 4901 Stenton Avenue, Philadelphia 44, Pa. *Representative:* I. M. Stein, President 1956

LOCKHEED AIRCRAFT CORPORATION, P. O. Box 551, Burbank, California. *Representative:* H. L. Hibbard, *Vice President of Engineering* 1953

LOCKHEED MISSILE SYSTEMS DIVISION, Box 504, Sunnyvale, Calif. *Representative:* T. E. Lyons, *Education and Training Supervisor* 1958

LOUISIANA POWER AND LIGHT COMPANY, 142 Delaronde Street, New Orleans 14, La. *Representative:* L. F. McCrocklin 1953

THE MACMILLAN COMPANY, 60 Fifth Avenue, New York 11, N. Y. *Representative:* H. B. McCurdy, College Department 1952

MAGNOLIA PETROLEUM COMPANY, P. O. Box 900, Dallas 21, Texas. *Representative:* Jerry F. Gleason, Jr., *Assistant Employment Manager* 1958

MARQUARDT AIRCRAFT COMPANY, 16555 Saticoy Street, Van Neup, Calif. *Representative:* James T. Dale, Manager, Professional Personnel Department 1957

MARQUETTE CEMENT MANUFACTURING COMPANY, 20 North Wacker Drive, Chicago, Ill. *Representative:* Charles E. Wuerpel, Vice President 1954

THE MARTIN COMPANY, Baltimore 3, Md. *Representative:* J. M. Hollyday, *Manager, Employment and Personnel* 1958

MCDONNELL AIRCRAFT CORPORATION, Box 516, St. Louis 66, Mo. *Representative:* Harold Hertenstein, *Supervisor of Engineering Training* 1956

MCGRAW-HILL BOOK COMPANY, INC., 330 West 42nd Street, New York 36, N. Y. *Representative:* K. Zeigler, Editor, Engineering Books 1952

MERCK SHARP & DOHME RESEARCH LABORATORIES, Division of Merck & Co., Inc., Rahway, N. J. *Representative:* Julius Hannoch, *Executive Director of Administration* 1958

MICHIGAN BELL TELEPHONE COMPANY, 1365 Cass Avenue, Detroit 26, Mich. *Representative:* A. R. Meacham, *General Engineering Personnel Supervisor* 1958

MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, 2753 Fourth Avenue South, Minneapolis 8, Minn. *Representative:* A. L. Reed, *Director, Industry-Education Relations* 1954

MINNESOTA MINING AND MANUFACTURING COMPANY, 900 Bush Street, St. Paul, Minn. *Representative:* Burton C. Baker 1953

MONSANTO CHEMICAL COMPANY, Lindbergh and Olive Street Road, St. Louis 24, Mo. *Representative:* R. F. McCoole, *Technical Personnel Manager* 1953

THE NATIONAL CASH REGISTER COMPANY, Main and K Streets, Dayton 9, Ohio. *Representative:* H. M. Stephenson 1953

OFFICE OF INDUSTRIAL RELATIONS, Department of the Navy, EXOS, Washington 25, D. C. *Representative:* R. A. Crosby, *Director, Training Division* 1958

NORTH AMERICAN AVIATION, INCORPORATED, International Airport, Los Angeles 45, Calif. *Representative:* J. A. Peart, *Director of Management, Development and Training* 1953

NORTHERN ILLINOIS GAS COMPANY, 50 Fox Street, Aurora, Ill. *Representative:* E. D. Sheehan, *Vice President* 1956

NORTHROP AIRCRAFT, INCORPORATED, Northrop Division, 1001 East Broadway, Hawthorne, California. *Representative:* C. W. Eyres, *Supervisor of Engineering Education* 1958

PHILADELPHIA ELECTRIC COMPANY, 900 Sansom Street, Philadelphia 5, Pa. *Representative:* G. W. Kaufmann, Jr. 1953

PHILCO CORPORATION, Tioga and C Streets, Philadelphia, Pa. *Representative:* Gerald B. Fadden, Manager, Salaried Personnel Relations 1954

PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla. *Representative:* D. R. McKeithan, Director, Technical Manpower Division 1952

PRENTICE-HALL, INC., Englewood Cliffs, N. J. *Representative:* R. F. Bitner, Assistant Vice President 1952

THE PROCTER & GAMBLE COMPANY, M. A. & R. Building, Ivorydale, Cincinnati 17, Ohio. *Representative:* J. W. Plattner, Head, Employment Section, Industrial Relations Division 1953

PUBLIC SERVICE ELECTRIC AND GAS COMPANY, 80 Park Place, Newark 1, N. J. *Representative:* M. D. Hooven, Electrical Engineer, Electric Engineering Department 1953

PURE OIL COMPANY, 35 E. Wacker Drive, Chicago, Ill. *Representative:* J. J. Stadtherr, Training Director, Refinery Division 1953

RADIO CORPORATION OF AMERICA, Front and Cooper Streets, Camden, N. J. *Representative:* Robert Haklisch, Manager 1956

THE RAMO-WOOLDRIDGE CORPORATION, P. O. Box 45215 Airport Station, Los Angeles 45, Cal. *Representative:* D. L. Pyke, Head, Technical Staff Placement 1958

RAYTHEON MANUFACTURING COMPANY, Waltham 54, Mass. *Representative:* L. B. Landall, *Manager, Professional Personnel Section,* 1336 Soldiers Field Road, Brighton 35, Mass. 1958

REINHOLD PUBLISHING CORPORATION, 430 Park Avenue, New York 22, N. Y. *Representative:* F. P. Peters, *Vice President and Manager, Book Division* 1952

REPUBLIC AVIATION CORPORATION, Farmingdale, L. I., N. Y. *Representative:* Ken. Ellington, *Vice President and Assistant to the President* 1958

REPUBLIC STEEL CORPORATION, Republic Building, Cleveland 1, Ohio. *Representative:* E. J. Magee, Director of Industrial Relations 1953

REYNOLDS METALS COMPANY, 6601 West Broad Street, Richmond, Virginia. *Representative:* H. G. Goehring, *Manager, College Recruiting* 1957

ROHM & HAAS COMPANY, 222 West Washington Square, Philadelphia 5, Pa. *Representative:* J. C. Haas, Vice President 1953

RONALD PRESS COMPANY, 15 East 26th Street, New York 10, N. Y. *Representative:* G. W. Farnham, Vice President, Engineering Books 1952

SANDIA CORPORATION, Sandia Base, Albuquerque, N. M. *Representative:* W. G. Funk, Manager Employee Services, Training and Public Relations Department 1953

SCOTT PAPER COMPANY, Front and Market Streets, Chester, Pa. *Representative:* Richard B. Miller, Manager of Corporate Employment and College Relations 1952

SHELL DEVELOPMENT COMPANY, 4560 Horton Street, Emeryville, Calif. *Representative:* M. Souders, *Director* 1953

A. O. SMITH CORPORATION, 3533 North 27th Street, Milwaukee 1, Wis. *Representative:* John E. Conway, Director of Education & Training 1956

SOCONY-MOBIL OIL CO., INC., 150 E. 42nd Street, New York 17, N. Y. *Representative:* R. B. Killingsworth 1953

SOUTH AFRICAN IRON AND STEEL INDUSTRIAL CORPORATION, LIMITED, P. O. Box 450, Pretoria, Transvaal, South Africa. *Representative:* C. M. Kruger, *General Manager* 1958

SPERRY GYROSCOPE COMPANY, Division of the Sperry Rand Corporation, Great Neck, New York. *Representative:* R. T. Hamlett, *Director of Employment and Personnel Service* 1956

SPRAGUE ELECTRIC COMPANY, North Adams, Mass. *Representative:* J. Schimmel 1953

STANDARD OIL COMPANY (Indiana), 910 S. Michigan Avenue, Chicago, Ill. *Representative:* M. T. Carpenter 1952

STROMBERG-CARLSON, Division of General Dynamics, 1400 North Goodman Street, Rochester, N. Y. *Representative:* L. C. Holmes, *Director of Research* 1955

STURM AND O'BRIEN, Consulting Engineers, 388 Cary Drive, Auburn, Ala. *Representative:* R. G. Sturm, *Partner* 1958

SUN OIL COMPANY, Marcus Hook, Pennsylvania. *Representative:* R. A. Matteson ... 1956

SURFACE COMBUSTION CORPORATION, 2375 Dorr Street, Toledo, Ohio. *Representative:* R. L. Minch, Manager, Recruiting and Training 1957

SYLVANIA ELECTRIC PRODUCTS INC., 1740 Broadway, New York, N. Y. *Representative:* Harris Reinhardt, Manager, Organization Development 1954

TEXAS INSTRUMENTS INCORPORATED, 6000 Lemmon Avenue, Dallas 9, Tex. *Representative:* R. E. Houston, *Personnel Director—Apparatus Division* 1958

TOLEDO EDISON COMPANY, Edison Building, Toledo 4, Ohio. *Representative:* Alois Hoefle, *Chief Electrical Engineer* 1953

UNION BAG-CAMP PAPER CORPORATION, 233 Broadway, New York, N. Y. *Representative:* L. W. Ross, Assistant to Director of Industrial Relations 1957

UNION CARBIDE CORPORATION, 30 East Forty-Second Street, New York 17, N. Y. *Representative:* C. J. Metz, Manager-Personnel Planning 1954

UNITED AIRCRAFT CORPORATION, 400 Main Street, East Hartford, Conn. *Representative:* J. G. Lee, Director of Research 1953

UNITED GAS PIPE LINE COMPANY, P. O. Box 1407, Shreveport, La. *Representative:* L. C. Poindexter, *Chief Engineer* 1958

U. S. RUBBER CO., Rockefeller Center, 1230 Ave. of the Americas, New York 20, N. Y. *Representative:* H. J. Ingram 1955

UNITED STATES STEEL CORPORATION, 525 William Penn Place, Pittsburgh 30, Pa. *Representative:* J. L. Young, Vice President 1953

VICKERS INCORPORATED, Administrative and Engineering Center, Detroit 32, Mich. *Representative:* K. R. Herman, President 1956

WESTERN ELECTRIC COMPANY, INC., 195 Broadway, New York 7, N. Y. *Representative:* A. W. Harrigan, Jr., Superintendent, Industrial Defense Planning and College Relations 1952

WESTINGHOUSE ELECTRIC CORPORATION, East Pittsburgh, Pa. *Representative:* G. D. Lobingier, *Manager, Educational Department* 1952

WESTON ELECTRICAL INSTRUMENT CORPORATION, 614 Frelinghuysen Avenue, Newark 12, N. J. *Representative:* E. R. Mellen, President 1953

WEST PENN POWER COMPANY, Cabin Hill, Greensburg, Pennsylvania. *Representative:* J. O. Chambers, *Vice President of Engineering* 1952

ASSOCIATE MEMBERS *

ALABAMA SOCIETY OF PROFESSIONAL ENGINEERS, P. O. Box 1325, Birmingham, Ala. *Representative:* R. H. Pogue, Jr. 1954

AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS, 420 Main Street, St. Joseph, Mich. *Representative:* J. L. Butt, Executive Secretary 1954

---

* Associate members are professional organizations of engineers, research institutions, and industrial associations or organizations which have a major interest in engineering education. Associate members are nonvoting members of ECAC.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS, 25 West 45th Street, New York 36, N. Y. *Representative:* F. J. Van Antwerpen, Secretary 1939

AMERICAN SOCIETY OF CIVIL ENGINEERS, 33 West 39th Street, New York 18, N. Y. *Representative:* W. H. Wisely 1939

THE ASPHALT INSTITUTE, Asphalt Institute Building, University of Maryland, College Park, Maryland. *Representative:* J. E. Buchanan, President 1956

ASSOCIATION OF AMERICAN RAILROADS, 526 Union Station Building, Chicago 6, Ill. *Representative:* J. F. Davison, *Assistant to Systems Chief Engineer, Canadian National Railroad, Montreal, Quebec, Canada* 1954

PORTLAND CEMENT ASSOCIATION, 33 West Grand Avenue, Chicago, Ill. *Representative:* L. H. Corning, Chief Consulting Structural Engineer 1954

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS, 2029 K Street, N.W., Washington, D. C. *Representative:* P. H. Robbins, Executive Director 1947

TAU BETA PI ASSOCIATION, University of Tennessee, Knoxville, Tenn. *Representative:* R. H. Nagel, Secretary-Treasurer 1949

AFFILIATE MEMBERS †

ACADEMY OF AERONAUTICS, INC., La Guardia Airport, Flushing 71, N. Y., C. S. Jones, *President,* W. M. Hartung, *Dean* 1949

AERONAUTICAL UNIVERSITY, 55th and Cicero, Alpa Building, Chicago 38, Ill., K. L. Burroughs, *Vice President,* A. F. Stott, *Dean,* L. M. Churbuck, *Director of Research* 1948

ALLIANCE TECHNICAL INSTITUTE, Cambridge Springs, Pa., A. P. Coleman, *President,* E. J. Kruszka, *Dean of Pre-Engineering and Technical Institute* 1958

AMARILLO COLLEGE, Amarillo, Tex., J. M. Ray, *President* 1958

ARKANSAS POLYTECHNIC COLLEGE, Russellville, Ark., J. W. Hull, *President,* H. F. Thompson, *Chairman of Engineering* 1940

BRIDGEPORT ENGINEERING INSTITUTE, Bridgeport, Conn., A. E. Keating, *President,* W. J. Owens, *Dean* 1945

BRIGHAM YOUNG UNIVERSITY, Provo, Utah, E. L. Wilkinson, *President,* A. J. Hill, *Dean,* H. T. Hall, *Director of Research* 1955

UNIVERSITY OF BUFFALO, Buffalo 14, N. Y., C. C. Furnas, *Chancellor,* P. E. Mohn, *Dean,* R. Ewell, *Vice Chancellor for Research* 1946

CAPITOL RADIO ENGINEERING INSTITUTE, INC., 3224 Sixteenth Street, N. W., Washington 10, D. C., E. H. Rietzke, *President,* A. Preisman, *Dean and Director of Research* 1954

CENTRAL TECHNICAL INSTITUTE, Seventeenth & Wyandotte Streets, Kansas City, Mo., C. L. Foster, *President* 1957

CHICO STATE COLLEGE, Chico, Calif., Glenn Kendall, *President,* H. Langdon, *Chairman of Division of Applied Arts and Sciences* 1958

CHRYSLER INSTITUTE OF ENGINEERING, P. O. Box 1118, Detroit 31, Mich., J. C. Zeder, *President,* L. R. Baker, *Director of Institute,* R. W. Rockefeller, *Asst. Director of the Institute* 1943

COGSWELL POLYTECHNICAL COLLEGE, 3000 Folsom Street, San Francisco 10, Calif., E. W. Smith, *President,* L. N. Case, *Vice President and Dean of Men* 1955

THE COMMUNITY COLLEGE AND TECHNICAL INSTITUTE OF TEMPLE UNIVERSITY, 1808 Spring Garden St., Philadelphia 30, Pa., R. L. Johnson, *President,* J. J. Crawford, *Associate Dean* 1958

DE VRY TECHNICAL INSTITUTE, 4141 W. Belmont Ave., Chicago 41, Ill., T. J. Lafeber, *President,* J. J. Gershon, *Dean,* O. I. Thompson, *Director of Research* 1958

FORT LEWIS AGRICULTURAL AND MECHANICAL COLLEGE, Durango, Colo., C. D. Rea, *President* 1958

FLINT JUNIOR COLLEGE, 1401 E. Court St., Flint, Mich., C. E. Blocker, *President* 1958

FRANKLIN TECHNICAL INSTITUTE, Boston, Mass., L. J. Dunham, Jr., *Director,* R. G. Adams, *Dean of the Day School* 1940

---

† Affiliate members shall be other educational institutions engaged in technical instruction which have one or more curricula accredited by ECPD or which are accredited by a major regional educational association.

FRESNO STATE COLLEGE, Fresno, Calif., A. E. Joyal, *President*, C. H. Cehrs, *Dean and Chairman, Engr. Department* 1956

HILLYER COLLEGE, University of Hartford, Box 1948, Hartford 1, Conn., A. S. Wilson, *President*, A. H. Zerban, *Dean*, R. G. Clarke, *Director of Research* 1958

HOFSTRA COLLEGE, Hempstead, N. Y., J. C. Adams, *President*, S. P. Goldstein, *Chairman of Engineering* 1956

KANSAS STATE TEACHERS COLLEGE, Pittsburg, Kan., Leonard H. Axe, *President*, L. C. Heckert, *Engineering Advisor and Director of Research* 1937

LAIN TECHNICAL INSTITUTE, Indianapolis, Ind., T. J. Lain, *President*, R. E. Langston, *Dean and Director of Research* 1956

LAMAR STATE COLLEGE OF TECHNOLOGY, Beaumont, Texas, F. L. McDonald, *President*, R. V. Andrews, *Dean and Director of Research* 1953

MILWAUKEE SCHOOL OF ENGINEERING, Milwaukee, Wisc., K. O. Werwath, *President*, F. J. Van Zeeland, *Dean* 1943

MODESTO JUNIOR COLLEGE, Modesto, Calif., Dr. Roy C. McCall, *President* 1957

MOHAWK VALLEY TECHNICAL INSTITUTE, Utica, N. Y., S. Eskow, *Dean of Instruction* 1957

STATE UNIVERSITY OF NEW YORK AGRICULTURAL AND TECHNICAL INSTITUTE AT ALFRED, Alfred, N. Y., P. B. Orvis, *President*, G. S. Whitney, *Dean* 1958

STATE UNIVERSITY OF NEW YORK AGRICULTURAL AND TECHNICAL INSTITUTE AT CANTON, 96 Park Street, Canton, N. Y., A. E. French, *Director*, P. Nevaldine, *Chairman, Department of Industrial Technology* 1958

NORTH IDAHO JUNIOR COLLEGE, 1000 West Garden Avenue, Coeur d'Alene, Idaho, D. H. Moser, *Head of Engineering Department* 1958

NORTHROP AERONAUTICAL INSTITUTE, 1155 West Arbor Vitae Street, Inglewood, Calif., J. L. McKinley, *President*, H. R. Filson, *Dean*, C. T. Reid, *Director of Research* .. 1949

NOVA SCOTIA TECHNICAL COLLEGE, Halifax, N. S., J. Hoogstraten, *President* 1950

OHIO MECHANICS INSTITUTE, Central Parkway at Walnut St., Cincinnati 10, Ohio, G. R. Henninger, *President*, E. L. Fleckenstein, *Dean of Instruction*, D. B. Hamel, *Director of Research* 1940

OKLAHOMA CITY UNIVERSITY, Oklahoma City 6, Okla., J. S. Wilkes, *President*, F. B. Robson, *Dean of Engineering*, J. H. Jackson, *Director of Research* 1958

UNIVERSITY OF OMAHA, Omaha, Nebr., M. Bail, *President*, C. W. Helmstadter, *Dean* . 1951

OREGON TECHNICAL INSTITUTE, Oretech, Ore., W. D. Purvine, *President*, A. V. McVey, *Dean*, J. E. Brookins, *Director of Research* 1956

PORTLAND STATE COLLEGE, Portland 1, Ore., J. M. Swarthout, *Dean of Faculty*, T. S. Peterson, *Chairman, Division of Science and Engineering*, R. W. Macy, *Chairman of Research* 1953

PRAIRIE VIEW AGRICULTURAL AND MECHANICAL COLLEGE, Prairie View, Tex., E. B. Evans, *President*, C. L. Wilson, *Dean of Engineering*, G. E. Kelly, *Director of Research* 1948

PUEBLO COLLEGE, Pueblo, Colo., M. C. Knudson, *President* 1958

UNIVERSITY OF PUERTO RICO, College of Agriculture and Mechanic Arts, Mayaguez, Puerto Rico, L. Stefani, *Vice Chancellor*, F. G. Mandry, *Dean*, G. F. Anton, *Director of Research* 1920

RCA INSTITUTES, INC., 350 W. 4th St., New York 14, N. Y., G. F. Maedel, *President*, H. Fezer, *Director of Training* 1951

ROCHESTER INSTITUTE OF TECHNOLOGY, 65 Plymouth Avenue South, Rochester 8, N. Y., M. Ellingson, *President*, E. E. Morecock, *Chairman, Applied Science Division* 1955

SACRAMENTO STATE COLLEGE, Sacramento, Calif., G. A. West, *President*, Edwin B. Weinberg, *Curriculum Supervisor in Engineering and Applied Science* 1956

SAN JOSE STATE COLLEGE, San Jose, Calif., J. T. Wahlquist, *President*, N. O. Gunderson, *Head of Engineering Department* 1946

SINCLAIR COLLEGE, 117 W. Monument St., Dayton, Ohio, C. C. Bussey, *President*, V. Watson, *Head, Technical Division*, J. M. Snyder, *Director of Research* 1946

SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Ill., D. W. Morris, *President*, R. O. Gallington, *Acting Chairman Applied Science*, J. O. Anderson, *Assistant Dean for Research* 1958

SOUTHERN TECHNICAL INSTITUTE, Division of Georgia Institute of Technology, Chamblee, Ga., L. V. Johnson, *Director*, G. L. Crawford, *Dean of Technical Division*, G. L. Carroll, *Dean of Basic Division* 1954

SPRING GARDEN INSTITUTE, Philadelphia 23, Pa., L. Ramsey, *Executive Vice President*, Horace Frommelt, *Dean, Director of Research* 1952

TENNESSEE POLYTECHNIC INSTITUTE, Cookeville, Tenn., E. Derryberry, *President*, J. M. Henderson, *Dean* 1956

TEXAS COLLEGE OF ARTS AND INDUSTRIES, Kingsville, Texas, E. H. Poteet, *President*, F. H. Dotterweich, *Dean and Director of Research* 1937

VALPARAISO TECHNICAL INSTITUTE, Valparaiso, Ind., W. D. A. Peaslee, *President*, R. C. Patton, *Dean* 1958

WARD SCHOOL OF ELECTRONICS, of the University of Hartford, Hartford, Conn., A. S. Wilson, *President*, R. F. Lescarbeau, *Dean of Engineering and Director of Research* 1958

WENTWORTH INSTITUTE, 550 Huntington Avenue, Boston 15, Mass., H. R. Beatty, *President*, E. Van Dusen, *Dean* 1951

WEST VIRGINIA INSTITUTE OF TECHNOLOGY, Montgomery, West Va., W. B. Axtell, *President*, L. C. Nelson, *Dean* 1956

WESTERN MICHIGAN UNIVERSITY, Kalamazoo, Mich., P. V. Sangren, *President* 1958

WESTINGHOUSE TECHNICAL NIGHT SCHOOL, East Pittsburgh, Pa., R. A. McPherson, *President* 1924

TOTAL INSTITUTIONAL MEMBERS

	Feb. 1957	Feb. 1958	Feb. 1959
Institutional Members			
Active	152	152	154
Industrial	131	132	147
Associate	000	9	9
Affiliate	39	41	56
	322	344	366

NEW INDUSTRIAL MEMBERS

CENTRAL ILLINOIS PUBLIC SERVICE COMPANY, 607 E. Adams St., Springfield, Ill. *Representative:* J. R. Broderick, *Vice President* 1959

COMBUSTION ENGINEERING, INC., 200 Madison Ave., New York 16, N. Y. *Representative:* E. A. Ferris, *Supervisor of Training* 1959

THE MARTIN COMPANY, Orlando, Florida. *Representative:* W. J. Powell, Jr., *College Relations Coordinator* 1959

THE UPJOHN COMPANY, Kalamazoo, Michigan. *Representative:* Bruce S. Lane, *Director of Engineering and Maintenance* 1959

MOTOROLA, INC., 4545 West Augusta Blvd., Chicago, Ill. *Representative:* L. B. Wrenn, *Director of Training & Professional Recruiting* 1959

GENERAL PRECISION EQUIPMENT CORPORATION, 1150 McBride Ave., Little Falls, New Jersey. *Representative:* S. P. Herbert, *Chairman, Industrial Relations* 1959

Individual Members

HONORARY MEMBERS

1953—H. P. Hammond*
1953—A. A. Potter
1958—Dwight D. Eisenhower
1958—Nathan W. Dougherty

ACTIVE AND LIFE MEMBERS

Revised to Dec. 1, 1958. For supplementary lists see p. 310.

AAKHUS, THEODORE, Professor of Engineering Drawing, University of Nebraska, Lincoln, Nebr. 1933.

ABBASI, A. D., Instructor in Mechanical Engineering, University of Idaho, Moscow, Idaho. 1958.

ABBASI, ASLAM, Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1958.

ABBOTT, EARL G., Manager Sales Training, Apparatus Sales Division, General Electric Company, 1 River Road, Schenectady 5, N. Y. 1958.

ABBOTT, JOHN P., Program Examiner, Texas Commission on Higher Education, Austin, Tex. 1951.

ABEGG, MARTIN G., Associate Professor of Civil Engineering, Bradley University, Peoria, Ill. 1952.

ABELE, ERNESTS, Associate Professor in Physics, Ohio Northern University, Ada, Ohio. 1956.

ABOU-TALEB, NAIM, Associate Professor of Electrical Engineering, San Jose State College, San Jose, Calif. 1956.

ABRAHAM, GEORGE, Solid State Physicist, U. S. Naval Research Laboratory, Lecturer in Electrical Engineering, George Washington University, Consulting Engineer, Washington D. C. 1949.

ABRAMOWITZ, ABRAHAM, Associate Professor of Electrical Engineering, City College of New York, New York 31, N. Y. 1951.

ABRAMS, JOEL I., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1951.

ABRAMS, JOHN P., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

ABRAMSON, HYMAN N., Manager of Engineering Analysis, Southwest Research Institute, San Antonio, Tex. 1952.

ACARON-ORTIZ, FLAVIO, Assistant Professor of Civil Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1957.

ACKENHEIL, ALFRED C., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1941.

ACKER, DAVID D., Staff Engineer, Autonetics, Division of North American Aviation, Incorporated, Downey, Calif. 1948.

ACKER, SIDNEY H., Professor and Head, Dept. of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1948.

ACKERMAN, ADOLPH J., Consulting Engineer, 1250 Sherman Avenue, Madison 3, Wis. 1958.

ACKERMAN, CORNELIUS C., Associate Professor of Civil Engineering, University of Toledo, Toledo 6, Ohio. 1948.

ACKERT, HUGH P., Associate Professor and Head of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1945.

ACKLEY, KENNETH A., Instructor in Engineering Drawing, Ohio State University, Columbus 10, Ohio. 1958.

ACOCK, GEORGE W., Head of Engineering Department, Whitworth College, Spokane, Wash. 1950.

ADAMI, ARTHUR E., Vice President, Dean, and Professor Emeritus, Montana School of Mines, Butte, Montana. 1943.

ADAMS, ALDEN R., Assistant to the Vice President, Research Department, American Viscose Corporation, 1617 Pennsylvania Blvd., Philadelphia 3, Pa. 1956.

ADAMS, ARTHUR S., President, American Council on Education, 1785 Mass. Ave., N. W., Washington 6, D. C. 1931.

ADAMS, CLEVELAND L., Head, School of Textile Technology, Alabama Polytechnic Institute, Auburn, Ala. 1953.

ADAMS, DOUGLAS P., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1941.

ADAMS, HENRY C., Associate Professor of Naval Architecture and Marine Engineering, University of Michigan, Ann Arbor, Mich. 1940.

ADAMS, HENRY P., Project Director, Oklahoma State University, Pakistan Technical Education Program. (Home address: Box 7282, c/o Ford Foundation, Karachi, Pakistan.) (*Member of Council, 1951–53.*) 1947.

ADAMS, LEONARD C., Professor of Electrical Engineering, Clemson College, Clemson, S. C. 1954.

ADAMS, MAURICE D., Associate Professor and Assistant Head, Technical Institutes, Technical Extension Director, Purdue University, Lafayette, Ind. 1953.

ADAMS, OTTO V., Professor Emeritus of Civil Engineering, Texas Technological College, Lubbock, Texas. 1930.

ADAMS, RALPH G., Dean of Day School, Franklin Technical Institute, Boston, Mass. 1940.

ADAMS, RAYMOND F., Assistant Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1950.

ADAMS, ROBERT M., Associate Professor of Industrial Engineering, University of Houston, Houston 4, Tex. 1953.

ADAMS, THOMAS C., 242 S. 12th St. E., Salt Lake City, Utah. 1930.

ADAMS, WILLIAM E., Director of Instruction, School of Engr., North Carolina State College, Raleigh, N. C. 1939.

ADAMSON, ROBERT W., Head, Mechanical Engineering Department, California State Polytechnic College, Pomona, Calif. 1958.

ADASHKO, J. GEORGE, Assistant Professor of Electrical Engineering, The City College of New York, New York, N. Y. 1958.

AFFLERBACH, HARRY R., Metallurgist, United States Steel Corporation, Central Operations, Fairless Hills, Pa. 1957.

AGARWAL, PAUL D., Associate Professor of Electrical Engineering, University of Massachusetts, Amherst, Mass. 1952.

AGGELER, CECIL J., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1951.

AGNEW, JOHN T., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1954.

AGRAIT, WILLIAM V., Assistant Professor, College of Agriculture and Mechanic Arts, Box 1073, Mayaguez, Puerto Rico. 1957.

AGTHE, FREDERICK T., Consulting Engineer, Processing Staff, Member in Industries Group, Allis-Chalmers Manufacturing Company, Box 512, Milwaukee 1, Wis. 1944.

AHERN, JOHN J., Professor and Director of Fire Protection and Safety Engineering, Illinois Institute of Technology, Chicago, Ill. 1948.

AHLQUIST, ROBERT W., Professor and Head of Electrical Engineering, University of Detroit, Detroit, Mich. 1929.

AHMAD, ZAKI UDDIN, Assistant Professor of Electrical Engineering, Thomason College of Engineering, Roorkee, India. 1948.

AHONEN, CHARLES O., Associate Professor of Physics, Northeastern University, Boston, Mass. 1952.

AHUJA, ARJAN D., Engineer, Electric Specialty Company, Stamford, Conn. 1957.

---

* Deceased.

AHUJA, VICTOR B., President, Instituto Tecnologico y de Estudios Superiores de Monterrey, Monterrey, N. L., Mexico. 1950.

AIDALA, JOSEPH B., Assistant Professor in Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1947.

AIKELE, CARL M., Chemical Engineer, Technological, Pontiac Refining Corp., Corpus Christi, Tex. 1947.

AIKIN, HENRY B., Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1937.

AKERMAN, JOHN D., Professor & Head, Department of Aeronautical Engineering, University of Minnesota, Minneapolis 14, Minn. 1931.

AKERMAN, JOSEPH R., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1947.

AKESSON, NORMAN B., Associate Professor of Agricultural Engineering, University of California, Davis, Calif. 1951.

AKEY, WAYNE W., Director of Personnel, Great Neck Public Schools, Great Neck, New York. 1944.

AKHURST, DENYS O., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1958.

ALBERT, ARTHUR L., Professor of Communication Engineering, Department of Electrical Engineering, Oregon State College, Corvallis, Ore. 1929.

ALBERT, DAVID P., Assistant in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

ALBERTSON, JAMES H., Associate Professor of English, Montana School of Mines, Butte, Mont. 1955.

ALBERTSON, MAURICE L., Director, Research Foundation and Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1946.

ALBRECHT, WILLIAM P., Professor and Chairman of English, University of Kansas, Lawrence, Kan. 1958.

ALBRIGHT, CHARLES D., Instructor in Mechanics, West Virginia University, Morgantown, W. Va. 1958.

ALBRIGHT, PENROSE S., Head of Physics, University of Wichita, Wichita, Kans. 1932.

ALBRIGHT, WILLIAM, Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1957.

ALDEN, CARROLL R., Professor of Electrical Power Engineering, Ohio Northern University, Ada, Ohio. 1955.

ALDERMAN, ALFRED A., Divisional Supervisor, Technical Training, Fisher Body Division, General Motors Corporation, General Offices, Detroit 2, Mich. 1953.

ALDINGER, LEROY A., Director of Education and Training, General Motors Corporation, 3044 West Grand Blvd., Detroit 2, Mich. 1954.

ALDRICH, BENJAMIN M., Professor of Mechanical Engineering, University of Wichita, Wichita, Kan. 1932.

ALDRICH, H. LAMAR, Assistant Professor and Supervisor of Engineering Drawing, University of Dayton, Dayton 19, Ohio. 1957.

ALEJANDRINO, ANGEL A., Instructor in Engineering Mechanics, University of the Philippines, Manila, Philippine Islands. 1956.

ALEXANDER, CLAUDE H., Manager of Product Improvement, B. F. Goodrich Chemical Company, Cleveland, Ohio. 1954.

ALEXANDER, DANIEL E., Instructor in General Engineering, University of Washington, Seattle, Wash. 1956.

ALEXANDER, GERALD C., Assistant Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1958.

ALEXANDER, NICHOLAS, Dean, Holy Trinity Orthodox Seminary, Jordanville, N. Y. 1937.

ALEXANDER, WILLIAM T., Dean of Engineering, Northeastern University, Boston 15, Mass. (*Vice President, 1955–57; President, 1958–59.*) 1929.

ALFRED, BROTHER BERNARD, Professor and Head, Dept. of Mathematics, Manhattan College, New York, N. Y. 1947.

ALGER, JOHN R. M., Manager, Advanced Technical Programs, General Electric Company, Schenectady 9, N. Y. 1957.

ALGER, PHILIP L., Adjunct Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1925.

ALGREN, AXEL B., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929.

ALI, M. SABIR, Instructor in Mechanical Drawing, Karachi Polytechnic Institute, Karachi, West Pakistan. 1954.

ALLAN, EDWARD R., JR., Section Head, Industrial Engineering Department, General Motors Institute, Flint, Mich. 1957.

ALLAN, WILLIAM, Dean, School of Technology, The City College of New York, New York 31, N. Y. (*Member of Council, 1951–53.*) 1935.

ALLEE, DAVID W., Dean, State University Agricultural and Technical Institute, Farmingdale, N. Y. 1950.

ALLEMAN, ROBERT C., Field Coordinator of College Recruiting, Personnel Division, Employee Relations Department, E. I. du Pont de Nemours & Company, Wilmington 98, Del. 1956.

ALLEN, ALFRED W., Professor of Ceramic Engineering, University of Illinois, Urbana, Ill. 1950.

ALLEN, CHESTER L., Professor Emeritus of Civil Engineering, Michigan State University, East Lansing, Mich. (Home: 521 Spruce Street, Olivet, Mich.) 1917. *Life Member.*

ALLEN, C. WESLEY, Inst. Mech. Engr., Purdue University, W. Lafayette, Ind. 1955.

ALLEN, FORREST E., Supervisor of Educational Service, The International Nickel Company, 67 Wall Street, New York 5, N. Y. 1943.

ALLEN, HAROLD F., Research Engineer, Department of Aeronautical Engineering, University of Michigan, Ann. Arbor, Mich. 1953.

ALLEN, J. S. V., Head of Physics, Bethany College, Bethany, W. Va. 1957.

ALLEN, JEREMIAH M., Assistant Professor of English, University of Colorado, Boulder, Col. 1954.

ALLEN, PHILLIP, Project Engineer, Museum, The Franklin Institute, Philadelphia, Pa. 1949.

ALLEN, REDFIELD W., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1954.

ALLEN, RUSSELL B., Assistant Dean of Engineering, University of Maryland, College Park, Md. 1937.

ALLEN, SHIRLI C., Associate in Engineering, University of California, Los Angeles, Calif. 1950.

ALLEN, STUART C., Assistant Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1947.

ALLEN, VICTOR T., Professor and Head, Dept. of Geology and Geological Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

ALLEN, WYETH, Chairman and Professor of Industrial Engineering, University of Michigan, Ann Arbor, Mich. 1956.

ALLING, EDWIN S., Associate Professor of Civil Engineering, Univ. of N. H., Durham, N. H. 1952.

ALLISON, NATHAN B., Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1948.

ALLISON, WILLIAM H., Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1928.

ALLMAN, JAMES M., Mechanical Engineer, Sandia Corp., Albuquerque, N. Mex. 1949.

ALLSHOUSE, WILLIAM C., Assistant in Engineering, Pennsylvania State University, Altoona Center, Altoona, Pa. 1956.

ALMFELDT, MAURICE W., Associate Professor of Engineering Drawing, Iowa State College, Ames, Iowa. 1952.

ALMSTEAD, FRANCIS E., Special Consultant in Educational Television, New York State Education Department, Albany, N. Y. 1943.

ALMY, LOREN B., Professor of Civil Engineering, State College of Washington, Pullman, Wash 1941.

ALPERN, MILTON, Assistant Professor of Civil Engineering, The Cooper Union, New York 3, N. Y. 1949.

ALSMEYER, WILLIAM C., Structural Engineer, Leo A. Daly Company, Omaha, Neb. 1943.

ALT, GLENN L., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1948.

ALTAMURO, VINCENT M., Instructor in Mechanical Engineering, Manhattan College, New York, N. Y. 1958.

ALTENDERFER, HOWARD D., Instructor in Engineering, Wyomissing Center, Pennsylvania State University, Wyomissing, Pa. 1956.

ALTMAN, H. SANFORD, Instructor in Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1946.

ALTON, EVERETT D., Assistant Professor of Electrical Engineering, University of Iowa, Iowa City, Ia. 1957.

ALTPETER, ROGER J., Professor of Chemical Engineer, University of Wisconsin, Madison, Wis. 1947.

ALVAREZ, RAUL E., Instructor in Industrial Engineering, North Carolina State College, Raleigh, N. C. 1958.

ALVERSON, ROY C., 4541 East 55th Street, Seattle, Washington. 1956.

ALVORD, HERBERT H., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1958.

AMBROSE, HARRY H., Associate Professor of Civil Engineering, University of Tennessee, Knoxville 16, Tenn. 1949.

AMBROSIO, ALPHONSO, Lecturer and Assistant Research Engineer, College of Engineering, University of California, Los Angeles, Calif. 1950.

AMBROSIUS, EDGAR E., Professor of Mechanical Engineering, The Pennsylvania State University, University Park, Pa. (*Member of Council, 1954–56.*) 1941.

AMER, SAAD H., Associate Professor of Electrical Engineering, Chico State College, Chico, Cal. 1956.

AMERMAN, PRESTON L., Director of Employment, Detroit Edison Company, 2,000 Second Avenue, Detroit 26, Mich. 1954.

AMICK, ERWIN H., JR., Professor and Chairman of Chemical Engineering, Columbia University, New York, N. Y. 1946.

AMIDON, LEE L., Professor of Mechanical Engineering, South Dakota State College, Brookings, S. D. 1928.

AMMONS, ROBERT L., Instructor in Mechanical Engineering, New Mexico College of A. & M., State College, N. M. 1957.

AMORES, JOSE E., Director of the Preparatory School, Monterrey, N. L., Mexico. 1950.

AMOS, CARROLL E., Professor of Mathematics, University of Toledo, Toledo, Ohio. 1953.

AMRINE, HAROLD T., Professor and Chairman, Dept. of Industrial Engineering, Purdue University, Lafayette, Ind. 1947.

AMSTEAD, BILLY H., Associate Professor of Mechanical Engineering and Executive Assistant-Dean of Engineering, University of Texas, Austin, Tex. 1949.

AMSTUTZ, G. CHRIS, Associate Professor of Geology, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

AMUNDSON, NEAL R., Professor and Head of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1957.

ANDEEN, JOHN W., Manager, Student Training, Babcock & Wilcox Company, 161 East 42nd Street, New York City 17, N. Y. 1957.

ANDERSEN, JOHN R., Assistant Professor of Civil Engineering, South Dakota State College, Brookings, S. Dak. 1956.

ANDERSEN, L. BRYCE, Assistant Professor of Chemical Engineering, Lehigh University, Bethlehem, Pa. 1956.

ANDERSEN, PAUL, Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1934.

ANDERSON, ALBERT W., Professor and Chairman, Department of Mechanical Engineering, North Dakota State College, Fargo, N. D. 1945.

ANDERSON, ALVIN G., Associate Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1947.

ANDERSON, A. MELCHER, Manager of Engineering, Hotpoint Home Laundry, Hotpoint Company, 5600 West Taylor, Chicago 44, Ill. 1954.

ANDERSON, BLAINE W., Stress and Vibrations Engineer, Preliminary Design, AiResearch Manufacturing Company of Arizona, Phoenix, Ariz. 1957.

ANDERSON, C. EDWARD, Professor of Mechanical Engineering, University of Miami, Box 488, Miami 46, Fla. 1928.

ANDERSON, CARL A., Assistant Professor of Aeronautical Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1956.

ANDERSON, CHARLES N., Instructor in Mathematics, North Carolina State College, 611 Pineview Dr., Raleigh, N. C. 1953.

ANDERSON, CHARLES R., Assistant Dean and Director of the Division of Science and Technology, Evening School, Pratt Institute, Brooklyn, N. Y. 1952.

ANDERSON, CLAIRE A., Professor of Engineering and Physics, Johnstown Center, University of Pittsburgh, Johnstown, Pa. 1926.

ANDERSON, CLIFFORD O., Professor of Mechanical Engineering, North Dakota State College, Fargo, N. D. 1943.

ANDERSON, CLIFTON A., Professor and Head of Industrial Engineering, North Carolina State College, Raleigh, N. C. 1943.

ANDERSON, DAVID E., Assistant Professor of Engineering Materials, Director of Testing Laboratory, University of Akron, Akron, Ohio. 1956.

ANDERSON, DONALD R., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1958.

ANDERSON, EDWARD P., Assistant Professor of Electrical Engineering, San Jose State College, San Jose, Calif. 1952.

ANDERSON, EDWIN M., Professor and Chairman of Electrical Engineering, North Dakota State College, Fargo, N. D. 1951.

ANDERSON, ERNEST W., Head of Department of Aeronautical Engineering, Iowa State College, Ames, Iowa. 1950.

ANDERSON, FRANK A., Chairman of Chemical Engineering, University of Mississippi, University, Miss. 1944.

ANDERSON, FREDERICK A., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1948.

ANDERSON, GORDON F., Research Associate in Engineering, Brown University, Providence, R. I. 1956.

ANDERSON, HOWARD B., Assistant Professor of Mathematics, Michigan College of M. & T., Houghton, Mich. 1947.

ANDERSON, JAMES H., Professor and Head of Chemical and Metallurgical Engineering, San Jose State College, San Jose 14, Calif. 1947.

ANDERSON, JAY W., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

ANDERSON, JEAN A., Assistant Professor of Mechanical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1948.

ANDERSON, JOHN R., Assistant Professor of Engineering Drawing, University of Miami, Coral Gables, Fla. 1956.

ANDERSON, KARL O., Instructor in Engineering Shop, Wayne State University, Detroit 27, Mich. 1957.

ANDERSON, KENNETH R., Chairman of Humanities, Academy of Aeronautics, LaGuardia Airport, Flushing, N. Y. 1957.

ANDERSON, LE ROY T., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

ANDERSON, PAUL, Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1946.

ANDERSON, PAUL H., Professor and Head of Metallurgy, South Dakota School of Mines and Technology, Rapid City, S. D. 1957.

ANDERSON, REIDER L., Associate Professor of Engineering Sciences, Purdue University, Lafayette, Ind. 1945.

ANDERSON, RICHARD D., Associate Professor and Head, Engineering Shops, South Dakota State College, Brookings, S. D. 1947.

ANDERSON, RICHARD J., Assistant to the Director, Battelle Memorial Institute, 505 King Avenue, Columbus 2, Ohio. 1957.

ANDERSON, ROBERT E., Professor and Executive Associate of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1948.

ANDERSON, ROY H., Vice President, Diehl Manufacturing Company, Somerville, N. J. 1952.

ANDERSON, WALLACE, Professor and Head of Physics Department, The Citadel, Charleston, S. C. 1954.

ANDERSON, WALTER T., Associate Professor of Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1946.

ANDERSON, WILLIAM L., Assistant Professor of Civil Engineering, University of South Carolina, Columbia, S. C. 1958.

ANDERWALD, CARL J., Associate in Education, State University of New York, Albany, N. Y. 1957.

ANDES, AMMON S., Professor and Chairman, Dept. of Aeronautical Engineering, University of Kansas, Lawrence, Kans. 1937.

ANDOLINA, ANTHONY V., 11 Cushing Street, Fredonia, N. Y. 1948.

ANDRES, ANTHONY J., Assistant Professor of Engineering, Los Angeles State College, Los Angeles, Calif. 1957.

ANDREW, EDWARD H., JR., Associate Professor of Electrical Engineering, Texas Agricultural and Mechanical College, College Station, Tex. 1953.

ANDREWS, ALAN H., Instructor in Mechanical Engineering, University of Miami, Coral Gables, Fla. 1957.

ANDREWS, ANDREW I., Professor and Head, Dept. of Ceramic Engineering, University of Illinois, Urbana, Ill. 1943.

ANDREWS, GORDON O., Assistant Director, Employee Relations, E. I du Pont de Nemours and Co., Inc., Wilmington 98, Del. 1942.

ANDREWS, JOHNNIE F., Assistant Professor in Civil Engineering, University of Arkansas, Fayetteville, Ark. 1954.

ANDREWS, ROBERT E., Assistant Professor of Mechanical Engineering, Bradley University, Peoria, Ill. 1957.

ANDREWS, ROBERT V., Dean of Engineering, Lamar State College of Technology, Beaumont, Texas. 1953.

ANGAS, WILLIAM M., Chairman, Department of Civil Engineering, Princeton University, Princeton, N. J. 1955.

ANGELO, ERNEST J., JR., Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn 1, N. Y. 1945.

ANGRIST, ARTHUR W., Manager, Ford Motor Company, The American Road, Dearborn, Mich. 1955.

ANGULO, CARLOS M., Associate Professor of Engineering, Brown University, Providence, R. I. 1956.

ANKRUM, PAUL D., Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1947.

ANSELMINI, LUDWIG, Metallurgist, International Nickel Company, 67 Wall St., New York 5, N. Y. 1958.

ANTEL, JEROME S., JR., Electronic Engineering, Diamond Ordnance Fuse Labs., Washington, D. C. 1949.

ANTONI, CHARLES M., Associate Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1946.

ANTZES, HERBERT L., Ordnance Engineer, U. S. Naval Gun Factory, Washington, D. C. 1948.

APPEL, DAVID W., Associate Professor of Applied Mechanics, University of Kansas, Lawrence, Kan. 1954.

APPEL, WALTER W., Instructor in Electronics, Indiana Technical College, Ft. Wayne, Ind. 1957.

APPLE, JAMES M., Lecturer in Industrial Engineering, Michigan State University, Industrial Management Consultant, East Lansing, Mich. (*Member of Council, 1952–54.*) 1946.

APPLETON, GLENN R., Instructor in Mechanical Engineering, South Dakota State College, College Station, S. D. 1954.

ARADER, HARRY F., Project Director, Development Program, University of Pennsylvania, 201 South 34th Street, Philadelphia 4, Pa. 1955.

ARCHER, DAVID H., Assistant Professor of Chemical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1953.

ARCHER, LAWRENCE H., Dean, College of Engineering, Ohio Northern University, Ada, Ohio. 1949.

ARCHER, LUTHER B., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1944.

ARCHER, OSCAR B., Vice President and Dean Lamar State College of Technology, Beaumont, Texas. 1951.

AREAUX, VIRGIL G., Assistant Professor of Mechanical Engineering, Tri State College, Angola, Ind. 1954.

AREHART, LEVI E., Instructor in Mechanical Engineering, Wichita University, Wichita, Kan. 1957.

ARENDT, JOHN, JR., Senior Designer, Engineering Department, Columbia-Southern Chemical Corporation, Cuyahoga Falls, Ohio. 1949.

ARENTS, CHESTER A., Dean, College of Engineering, West Virginia University, Morgantown, W. Va. 1946.

ARENZ, ROBERT J., Graduate Student in Aeronautics, California Institute of Technology, Pasadena, Calif. 1957.

ARGES, K. PETE, Assistant Professor of Civil Engineering, Duke University, Durham, N. Car. 1956.

ARIES, ROBERT S., President, Consulting Department, R. S. Aries and Associates, New York, N. Y. 1948.

ARKILIC, GALIP M., Assistant Professor of Engineering Mechanics, Pennsylvania State University, University Park, Pa. 1957.

ARLIN, MARSHALL N., Systems Engineer, Raytheon Mfg. Co., Wayland, Mass. 1946.

ARM, DAVID L., Director of Industrial Safety, National Safety Council, Chicago, Ill. 1934.

ARMENAKAS, ANTHONY E., Lecturer in Civil Engineering, City College of New York, New York, N. Y. 1955.

ARMANTROUT, GUY E., Teacher of Engineering-Technology, Pasadena City College, Pasadena 4, Calif. 1955.

ARMENTO, WILLIAM J., Adjunct Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1947.

ARMENTROUT, PETER C., Engineering Training, Supervisor, Boeing Airplane Company, P.O. Box 3707, Seattle 24, Wash. 1954.

ARMINGTON, RALPH E., Associate Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1949.

ARMSBY, HENRY H., Chief for Engineering Education, U. S. Office of Education, Washington 25, D. C. (*Member of Council, 1938–41, 1947–48, 1952–60; Vice President, 1949–51.*) 1917.

ARMSTRONG, B. J., Engineering Staff Analyst, Engineering Department, Chance Vought Aircraft, Inc., P.O. Box 5907, Dallas, Tex. 1956.

ARMSTRONG, GLENN K., Instructor of Petroleum Refining, Colorado School of Mines, Golden, Colorado. 1955.

ARMSTRONG, ROBERT H., Academic Advisor, Intallations Engineering School, Air Force Institute of Technology, Wright Patterson AFB, Ohio. 1958.

ARMSTRONG, W. H., Associate Professor of Industrial Enginering, West Virginia University, Morgantown, W. V. 1957.

ARMSTRONG, WILLARD P., Professor of Chemical Engineering, Washington University, St. Louis 5, Mo. 1949.

ARNBERG, BENJAMIN T., Associate Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1956.

ARNELL, WALTER J., Instructor in Engineering, University of Southern California, Los Angeles, Calif. 1957.

ARNESON, BLAYNE E., Senior Research Engineer, Chicago Midway Laboratories, University of Chicago, Chicago, Ill. 1952.

ARNOLD, CHRISTIAN K., Staff Assistant to the President, The Pennsylvania State University, University Park, Pa. 1948.

ARNOLD, DONALD S., Head, Chemical Department, National Lead Co. of Ohio, P. O. Box 158, Mt. Healthy Station, Cincinnati 31, Ohio. 1947.

ARNOLD, FRANK R., Associate Professor of Mechanical Engineering, Stanford University, Stanford, Cal. 1955.

ARNOLD, ISSAC, Vice President, Quintana Petroleum Corporation, Houston, Texas. 1949.

ARNOLD, JOHN E., Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1947.

ARNOLD, J. NORMAN, Professor of Engineering, Engr. Graphics, Purdue University, Lafayette, Ind. 1933.

ARNOLD ROBERT G., Assistant Professor of Civil Engineering and Architecture, University of Wyoming, Laramie, Wyo. 1954.

ARTHUR, GEORGE R., Manager of Product Design, Airborne Systems, Radio Corporation of America, Camden, N. J. 1951.

ARTHUR, NEAL T., University of Mississippi, University, Miss. 1957.

ARTHUR, ROBERT M., Assistant Professor of Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1957.

ARTLEY, JOHN L., Associate Professor of Electrical Engineering, Duke University, Durham, N. C. 1949.

ASHENHURST, FREDERICK F., Engineering Programmer, Department of Defense, Peppermill Farm, Clifton, Va. 1953.

ASHERMAN, GEORGE, Associate Professor of Industrial Administration, University of Connecticut, Storrs, Conn. 1957.

ASHMORE, RICHARD D., Administrative Assisttant, Research Department, Monsanto Chemical Corporation, 1700 South Second Street, St. Louis 4, Mo. 1954.

ASHTON, NED L., Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa. 1947.

ASHWORTH, EDWIN R., Assistant Professor of Industrial Engineering and Management, Oklahoma State University, Stillwater, Okla. 1958.

ASKOUNES, PERICLES N., Administration Chairman, Dealer Cooperative Program, General Motors Institute, Flint, Michigan. 1955.

ASSINI, LEWIS T., Associate Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

ASTILL, KENNETH N., Associate Professor of Mechanical Engineering, Tufts University, Medford, Mass. 1948.

ASTLE, MELVIN J., Acting Dean of Graduate School, Case Institute of Technology, University Circle, Cleveland 6, Ohio. 1958.

ATALLAH, SAMI I., Instructor in Chemical Engineering, Tufts University, Medford, Mass. 1958.

ATCHLEY, BILL L., Instructor in Mechanics, Missouri School of Mines, Rolla, Mo. 1957.

ATHERTON, RICHARD, 321 Macassar Drive, Pittsburgh 36, Pa. 1952.

ATKINS, JACK W., Instructor in Engineering, Weber College, Ogden, Utah. 1951.

ATKINS, THOMAS R., Director of Educational Division, Frederick Post Company, 3650 North Avondale Avenue, Chicago 18, Ill. 1954.

ATKINSON, HARRY W., Assistant Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1958.

ATKINSON, MARGARET B., Associate Professor of Industrial Engineering and Engineering Drawing, Texas Technological College, Lubbock, Tex. 1937.

ATTWOOD, STEPHEN S., Dean of Engineering, University of Michigan, Ann Arbor, Mich. 1926.

ATWOOD, KENNETH W., JR., Assistant Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1958.

ATWOOD, L. L., Professor and Head, Dept. of Modern Language and History, Worcester Polytechnic Institute, Worcester, Mass. 1939.

AU, TUNG, Associate Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh 17, Pa. 1956.

AUBERT, J. (Brother) F.S.C., Assistant Dean, Manhattan College, New York, N. Y. 1935.

AUBREY, WILLIAM C., Assistant Professor of Mechanical Engineering, Union College, Schenectady, N. Y. 1956.

AUBURN, NORMAN P., President, University of Akron, Akron 4, Ohio. 1942

AULD, ROBERT B., Industrial Coordinator of Cooperative Work, Fenn College, Cleveland, Ohio. 1954.

AULL, CHARLES E., Instructor in Applied Mathematics, University of Colorado, Boulder, Colo. 1957.

AULT, E. STANLEY, Professor of Machine Design, Purdue University, Lafayette, Ind. 1925.

AUST, MART L., JR., Instructor in Mechanical Engineering, Mississippi State University, State College, Miss. 1958.

AUSTIN, GEORGE A., Instructor in Electrical Engineering, Purdue University, West Lafayette, Ind. 1958.

AUSTIN, JOHN B., JR., Assistant Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1958.

AUSTIN, WALTER J., Associate Professor, Civil Engineering Department, University of Illinois, Urbana, Ill. 1955.

AUSTIN, WILLIAM W., Head, Department of Mineral Industries and Professor of Metallurgy, North Carolina State College, Raleigh, N. C. 1954.

AUTENRIETH, GEORGE C., Professor and Chairman, Emeritus, Dept. of Drafting, College of the City of New York, New York City. *Life Member.* 1927.

AUTH, GEORGE H., Professor of Mechanical Engineering, Villanova College, Villanova, Pa. 1944.

AUZENNE, GUSTAV, JR., Chairman and Professor of Business Administration, Howard University, Washington, D. C. 1952.

AVALLONE, EUGENE A., Assistant Professor of Mechanical Engineering, City College of New York, New York, N. Y. 1957.

AVEN, RUSSELL E., Associate Professor of Chemical Engineering, University of Mississippi, University, Miss. 1958.

AVERITT, WILLIAM K., Associate Professor of Chemical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1951.

AVERY, DON E., Associate Professor of Engineering, University of Hawaii, Honolulu, Hawaii. 1948.

AVERY, JOHN H., Unit Chief, College Relations & Recruiting Unit, Boeing Airplane Company, Seattle 24, Wash. 1958.

AVIL, RICHARD D., Associate Professor of Electrical Engineering, Villanova University, Villanova, Pa. 1948.

AX, LELAND S., Professor and Head, Radio Engineering, Tri-State College, Angola, Ind. 1943.

AYERS, JOSEPH A., Professor and Head, Dept. of English, University of Louisville, Louisville, Ky. 1939.

AYERS, MAURICE T., Assistant Dean, College of Engineering and Professor and Chairman of General Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1948–50.*) 1938.

AYLOR, MELVIN W., Associate Professor of Engineering Mathematics, University of Virginia, Charlottesville, Va. 1946.

AYRE, ROBERT S., Professor and Chairman of Civil Engineering, Yale University, New Haven, Conn. 1939.

AYRES, EDMUND D., Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1934.

AYRES, QUINCY C., Patent Manager and Professor of Agricultural Engineering, Iowa State College Research Foundation, Ames, Iowa. (*Life Member.*) 1926.

AZPELL, EDWARD W., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1945.

BABB, ALBERT L., Associate Professor of Chemical Engineering, University of Washington, Seattle, Wash. 1953.

BABB, DANIEL S., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1950.

BABBITT, HAROLD E., Department of Civil Engineering, University of Missouri, Columbia, Mo. 1922.

BABCOCK, HENRY A., Assistant Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1947.

BABCOCK, JOHN B., III, Professor Emeritus of Railway Engineering and Lecturer, Massachusetts Institute of Technology, Cambridge 39, Mass. 1923.

BABEL, HENRY W., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio. 1957.

BABITS, GEORGE F., Instructor in Mechanics and Materials, U. S. Air Force Academy, Denver, Colo. 1958.

BACCUS, IRA B., Professor of Electrical Engineering, Michigan State University, East Lansing, Mich. 1942.

BACHA, CHARLES P., Senior Research Engineer, Missile Development Division, North American Aviation, Incorporated, International Airport, Los Angeles 45, Calif. 1948.

BACHELDER, ALFRED C., Assistant Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1952.

BACHER, ROBERT F., Chairman of Physics, Mathematics and Astronomy, California Institute of Technology, Pasadena, Calif. 1957.

BACHERT, ROBERT F., Instructor in Graphics, Princeton University, Princeton, N. J. 1957.

BACHMAN, CHARLES L., Instructor in Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

BACK, ARTHUR W., Associate Professor of History and Language, Worcester Polytechnic Institute, Worcester, Mass. 1953

BACKER, GERALD H., College Relations Representative, Space Technology Laboratories, Inc., P.O. Box 95001, Los Angeles 45, Calif. 1953.

BACKER, STANLEY, Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

BACKS, NORMAN E., Instructor in Engineering, Arlington State College, Arlington, Tex. 1957.

BACKUS, DONALD A., Instructor in Agricultural Engineering, State College of Washington, Pullman, Wash. 1957.

BACKUS, KERBY D., Instructor in Engineering Drawing, The Rice Institute, Houston, Tex. 1956.

BACON, RINALDO A., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1939.

BADGER, IRVIN P., Associate Professor and Acting Chairman of Civil Engineering, Ohio University, Athens, Ohio. 1953.

BAER, CHARLES J., Associate Professor of Engineering Drawing, University of Kansas, Lawrence, Kan. 1951.

BAEUMLER, HOWARD W., Instructor in Mathematics,, 1345 Highland St., Columbus 20, Ohio. 1951.

BAHAR, LEON Y., Instructor in Mechanics, Lehigh University, Bethlehem, Pa. 1958.

BAILEY, ALBERT D., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1943.

BAILEY, ALSON H., Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1948.

BAILEY, ARTHUR P., Associate Professor of Industrial Engineering, University of New Mexico, Albuquerque, N. M. 1946.

BAILEY, CECIL D., Assistant Professor of Mechanics, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1956.

BAILEY, JOEL F., Professor and Head of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1943.

BAILEY, JOHN A., Design Engineer, Atomic Power Equipment Department, General Electric Company, 2151 South First Street, San Jose, Calif. 1952.

BAILEY, NEIL P., Professor of Mechanical Engineering, University of Utah, Salt Lake City, Utah. 1930.

BAILEY, RALPH E., Communication Engineer, Surface Communications Department, Radio Corporation of America, Camden, N. J. 1943.

BAILEY, RAYMOND V., Head of Chemical Engineering, Tulane University, New Orleans, La. 1956.

BAILIN, LOUIS L., Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1957.

BAINER, ROY, Assistant Dean of Engineering, University of California at Berkeley and Los Angeles; Professor and Head, Division of Agricultural Engineering, University of California, Davis, Calif. 1933.

BAIR, WILLARD E., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

BAIRD, CHARLES O., Head of Civil Engineering Department, Northeastern University, Boston 15, Mass. 1955.

BAIRD, HOLLIS S., Assistant Professor of Physics, Northeastern University, Boston, Mass. 1953.

BAIRD, JOHN, Senior Engineering Advanced Planning Department, International Business Machine Corporation Research Laboratory, Poughkeepsie, N. Y. 1946.

BAKALER, ARNOLD J., Engineer, Atomics International, Canoga Park, Calif. 1947.

BAKER, BROUGHTON, L., Professor and Chairman of Chemical Engineering, University of South Carolina, Columbia, S. C. 1954.

BAKER, BURTON C., Technical Employment Manager, Minnesota Mining & Manufacturing Company, 900 Fauquier Street, St. Paul 6, Minnesota. 1952.

BAKER, CARY F., JR., Editor, Technical Educational Department, McGraw-Hill Book Company, 330 West 42nd Street, New York 36, N. Y. 1955.

BAKER, CHESTER P., Professor and Chairman, Dept. of Chemical Engineering, Northeastern University, Boston, Mass. 1926.

BAKER, DAVID F., Assistant Professor of Industrial Engineering, The Ohio State University, Columbus 10, Ohio. 1955.

BAKER, H., CHARLES, Instructor in Electrical Engineering, Southern Methodist University, Dallas 5, Tex. 1957.

Baker, James E., Dean of Engineering, Geer Technical Institute, 2230 South Michigan, Chicago 16, Ill. 1956.

Baker, John B., Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia 4, Pa. 1948.

Baker, John F., Professor of Mechanical Sciences and Head, Dept. of Engineering, Cambridge University Laboratory, Cambridge, England. 1945.

Baker, John L., Jr., Associate Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1947.

Baker, Lee R., Director, Chrysler Institute of Engineering, Detroit, Mich. 1946.

Baker, Margaret R., Special Instructor in Engineering Drawing, University of Texas, Austin, Tex. 1955.

Baker, Merl, Executive Director of Kentucky Research Foundation, University of Kentucky, Lexington, Ky. 1951.

Baker, Perley D., Professor and Head of Chemistry, Norwich University, Northfield, Vermont. 1955.

Baker, R. P., Vice President Emeritus, Rensselaer Polytechnic Institute, Troy, N. Y. *Life Member.* **1919.**

Baker, Ralph D., Head of Mechanical Engineering, University of Utah, Salt Lake City 12, Utah. 1940.

Baker, Robert C., Assistant Professor of Engineering, Pennsylvania State University, Behgend Campus, Erie, Pa. 1957.

Baker, Robert H., Nashoba Rd., Concord, Mass. 1943.

Baker, Robert L., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

Baker, Thomas E., Dean of Students and Associate Professor of Humanities and Social Studies, Case Institute of Technology, University Circle, Cleveland 6, Ohio. 1951.

Baker, W. E., Instructor in Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1957.

Baker, Wilfred H., Professor of Civil Engineering, West Virginia University, Morgantown, W. Va. 1944.

Bakken, Stewart E., Associate Professor of Mechanical Engineering, North Dakota State College, Fargo, N. Dak. 1957.

Balabanian, Norman, Associate Professor of Electrical Engineering, Syracuse University, Syracuse 10, N. Y. 1954.

Balber, Amnon, Instructor, Technical Dept., Central Radio and Television Schools, Kansas City, Mo. 1950.

Baldinger, Edward J., Professor of Civil Engineering, Seattle University, Seattle 22, Wash. 1957.

Baldo, Antonio F., Assistant Professor of Mechanical Engineering, City College of New York, New York, N. Y. 1949.

Baldwin, Bruce B., Associate Professor of Mechanical Engineering, University of Cincinnati, Ohio. 1953.

Baldwin, Edward N., Manufacturing Consultant, Westinghouse Electric Corp., Pittsburgh 30, Pa. 1946.

Baldwin, Leonard B., Jr., Acting Instructor, Civil Engineering Department, Stanford University, Stanford, Calif. 1953.

Balint, Anthony T., Associate Professor of Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1942.

Balise, Peter L., Associate Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1952.

Ball, Herbert D., Instructor in Mechanical Engineering, Kansas State College, Manhattan, Kan. 1957.

Ball, Herbert J., Professor Emeritus of Textile Engineering, Lowell Technological Institute, Lowell, Mass. 1952.

Ball, Lloyd D., Assistant Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1956.

Ball, Walter L., Associate Professor of Electrical Engineering, Clemson College, Clemson, S. C. 1954.

Ballantine, Benj. D., Instructor in Engineering Drawing, University of Miami, Coral Gables, Fla. 1957.

Balter, Leslie M., Director, Jersey City Technical Institute, Jersey City, N. J. 1956.

Banchero, J. T., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

Bangs, J. R., Professor of Business Administration, University of Florida, Gainesville, Fla. 1932.

Banister, Robert A., Associate Professor of Drawing and Design, Clemson College, Clemson, S. C. 1953.

Bankoff, S. George, Professor and Head of Chemical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1952.

Banks, Charles W., Retired, Head of Applied Science, Wentworth Institute, Boston, Mass., Home Address: 1906 13th St., Boulder, Colo. 1937.

Banks, Robert B., Chairman of Civil Engineering, Northwestern University, Evanston, Ill. 1955.

Bannon, Robert E., Associate Professor of Metallurgy and Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1956.

Banting, Edward A., Professor of Agricultural Engineering, MacDonald College, McGill University, St. Anne de Bellevue, Quebec, Canada. 1957.

Barbe, Edwin C., Instructor in Electrical Engineering, West Virginia University, Morgantown, W. Va. 1958.

Barber, Albert S., Director Co-ordination, Waterloo College, Waterloo, Ontario, Canada. 1958.

Barber, Edward S., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1948.

Barclay, William J., Associate Professor in Electrical Engineering, North Carolina State College, Raleigh, N. C. 1958.

Barberii, Efrain E., Director, School of Petroleum Engineering, Universidad del Zulia, Maracaibo, Edo. Zulia, Venezuela. 1954.

Barclay, Leland, Associate Professor of Civil Engineering, University of Texas, Austin, Texas. 1954.

Bard, Robert E., Engineer, General Radio Company, 6605 West North Avenue, Oak Park, Ill. 1951.

Barden, Roderick D., Chairman of Agricultural Engineering, Ohio State University, Columbus, Ohio. 1957.

Bardes, Oliver P., President, Engineers' Job Directory, Cincinnati, Ohio. 1956.

Bareither, Harlan D., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1956.

Barenberg, Ernest J., Assistant Professor of Civil Engineering, University of Kansas, Lawrence, Kan. 1957.

Barich, Steve S., Assistant Professor of Drawing, University of Minnesota, Minneapolis, Minn. 1952.

Barish, Norman N., Associate Dean of Engineering, Chairman and Professor of Industrial and Management Engineering, New York University, University Heights, New York 53, N. Y. 1948.

Barkan, Herbert, Assistant Prof. in Mathematics, Newark College of Engineering, Newark, N. J. 1947.

Barker, Charles L., Professor of Hydraulic Engg., Washington State College, Pullman, Wash. 1928.

Barker, Harry, Consulting Engineer, Barker and Wheeler Engineers, 11 Park Place, New York 7, N. Y. 1955.

Barker, Joseph W., Chairman of the Board, Research Corporation, 405 Lexington Avenue, New York 7, N. Y. (*Member of Council, 1935–38.*) 1926.

Barker, Maurice E., Professor and Head, Dept. of Chemical Engineering, University of Arkansas, Fayetteville, Ark. 1949.

Barker, Richard C., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1954.

BARKS, HERBERT B., Headmaster of School, The Baylor School, Chattanooga, Tenn. 1957.

BARKSON, JOSEPH A., Professor of Engineering, Arizona State College, Tempe, Ariz. 1951.

BARLOW, HOWARD W., Director, Washington State Institute of Technology, Washington State College, Pullman, Wash. (*Member of Council, 1946–53.*) 1940

BARNARD, NILES H., Chairman and Professor of Mechanical Engineering, University of Nebraska, Lincoln, Neb. (*Member of Council, 1955–59.*) 1930.

BARNES, ALBERT H., Assistant Professor of Civil Engineering, Speed Scientific School, University of Louisville, Louisville 8, Ky. 1955.

BARNES, EDWARD M., Associate Professor of Technical Training, Oklahoma State University, Stillwater, Okla. 1956.

BARNES, GEORGE C., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

BARNES, GEORGE E., Professor of Hydraulic and Sanitary Engineering, Case Institute of Technology, Cleveland, Ohio. 1933.

BARNES, KENNETH K., Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. 1954.

BARNES, L. KENNETH, Head of Engineering, Southern State College, Magnolia, Ark. 1955.

BARNES, RALPH M., Professor of Engineering and Production Management, University of California, Los Angeles 24, Calif. 1929.

BARNES, ROBERT H., Instructor in Engineering, University of Rochester, Rochester, N. Y. 1950.

BARNES, WILLIAM P., Associate Professor of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1954.

BARNETT, BRINKLEY, Associate Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1943.

BARNETT, JACK L., Instructor in Engineering Drawing, University of Kansas, Lawrence, Kan. 1956.

BARNETT, ROBERT M., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

BARNETTE, NEWTON H., Professor and Head, Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1945.

BARNOFF, ROBERT M., Assistant Professor of Civil Engineering, The Pennsylvania State University, University Park, Pa. 1957.

BARNUM, JEROME, Director, Jerome Barnum Associates, Management Consultants, Scaresdale, N. Y.

BARNWELL, JOSEPH H., Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

BARON, FRANK, Professor of Civil Engineering, Director of Structural Engineering Laboratory, University of California, Berkeley, Calif. 1947.

BARR, HAROLD T., Head of Agricultural Engineering, Louisiana State University, Baton Rouge, La. 1957.

BARRE, HENRY J., Consulting Agricultural Engineer, P.O. Box 1095, Mansfield, Ohio. (*Member of Council, 1949–52.*) 1944.

BARRE, LUTHER G., Assistant Professor, University of South Carolina, Columbia, S. C. 1957.

BARRETT, MORGAN C., Instructor in General Engineering, Rutgers University, New Brunswick, N. J. 1956.

BARRICK, DENNIS L., Assistant Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1946.

BARRIGA, JORGE, Associate Professor of Engineering, San Jose State College, San Jose, Calif. 1953.

BARRY, B. AUSTIN, BROTHER, F. C. C., Associate Professor of Civil Engineering, Manhattan College, New York 71, N. Y. 1948.

BARRY, JOSEPH E., Instructor, New York Graduate Engineering Training Center, Western Electric Company, Inc., 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

BARRY, J. GRIFFITHS, Group Leader, Lincoln Laboratory, Massachusetts Institute of Technology, Lexington 73, Mass. 1941.

BARRY, LEWIS C., Distribution Design Engineer, Southwestern Gas and Electric Company, Shreveport, La. 1958.

BARRY, MERTON R., Instructor of Drawing, University of Wisconsin, Madison 5, Wis. 1955.

BARTEL, HERBERT H., Assistant Professor in Civil Engineering, Southern Methodist University, Dallas, Texas. 1947.

BARTELS, JEROME, Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

BARTEN, KENNETH S., Assistant Professor of Industrial Engineering and Director, Computing Facilities, Washington University, St. Louis, Mo. 1958.

BARTHEL, CHRISTOPHER E., JR., Assistant Director, Armour Foundation Research, 10 West 35th Street, Chicago 16, Ill. 1944.

BARTHOLOMEW, DAVIS, Professor of Electrical Engineering, Brigham Young University, Provo, Utah. 1946.

BARTHOLOMEW, DAVIS, Professor of Electrical Engineering, Brigham Young University, Provo, Utah. (*Member of Council, 1958–.*) 1946.

BARTHOLOMEW, EDWARD L., JR., Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1951.

BARTKUS, EDWARD P., General Director, Systems Engineering Department, E. I. du Pont Nemours & Company, Inc., Wilmington 98, Del. 1949.

BARTLETT, ALBERT A., Associate Professor of Physics, University of Colorado, Boulder, Colo. 1955.

BARTLETT, BOYD W., Professor and Head of Electrical Engineering, U. S. Military Academy, West Point, N. Y. 1945.

BARTLETT, FRANCIS G., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1956.

BARTLETT, HOWARD R., Professor and Head of Humanities, Massachusetts Institute of Technology, Cambridge, Mass. 1939.

BARTLETT, PAUL E., Assistant Professor of Civil Engineering, University of Colorado, Denver 2, Colo. 1953.

BARTLETT, THOMAS E., Assistant Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1956.

BARTON, CLIFF S., Assistant Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1956.

BARTON, JAMES R., Associate Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1954.

BARTUNEK, PAUL F., Professor of Physics, Colorado School of Mines, Golden, Colo. 1954.

BARUS, CARL, Assistant Professor of Electrical Engineering, Swarthmore College, Swarthmore, Pa. 1952.

BARYLSKI, JOHN R., Assistant Professor of Mechanical Engineering, New Bedford Institute of Technology, New Bedford, Mass. 1955.

BARZELAY, MARTIN E., Professor of Aeronautical Engineering, Syracuse University, Syracuse, N. Y. 1947.

BASCH, PETER H., Assistant Professor Mechanical Engineering, Pratt Institute, Brooklyn 5, N. Y. 1955.

BASILE, NORMAN K., Instructor in Engineering, New York State Maritime College, Bronx 65, N. Y. 1958.

BASORE, CLEBURNE A., Professor and Head, Dept. of Chemical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1938.

BASS, LAWRENCE W., Vice President, Food and Biology Department, Arthur D. Little, Incorporated, 30 Memorial Drive, Cambridge 42, Mass. 1942.

Bassett, Day L., Assistant Professor of Agricultural Engineering, State College of Washington, Pullman, Wash. 1957.

Bassoe, Bjarne, Secretary General, The Norwegian Engineering Society, Oslo, Norway. 1952.

Basu, Amiya K., Professor of Mechanical Engineering, Jadavpur College, Calcutta, West Bengal, India. 1948.

Batcheller, Hiland G., Chairman of the Board, Allegheny Ludlum Steel Corporation, 2020 Oliver Building, Pittsburgh 22, Pa. 1949.

Batchellor, Henry B., Associate Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1948.

Bateman, Richard M., Director, Purdue University Center, Fort Wayne, Ind. 1951

Bates, Ferdinand C., Instructor in Geophysics and Geophysical Engineering, Saint Louis University Institute of Technology, St. Louis, Mo. 1958.

Bates, Herbert T., Associate Professor of Chemical Engineering, Kansas State University, Manhattan, Kan. 1941.

Bates, Maurice E., Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1947.

Bates, O. Kenneth, Professor and Head of Mathematics, Chairman of Basic Engineering Committee, St. Lawrence University, Canton, N. Y. 1955.

Batke, Theodore L., Professor and Chairman of Chemical Engineering, Waterloo College, Waterloo, Ontario, Canada. 1954.

Batteau, Dwight W., Assistant Professor, Division of Engineering, Applied Physics, Harvard University, Cambridge 38, Mass. 1954.

Battin, William J., Jr., Associate Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1956.

Battista, Vito P., Director, Institute of Design and Construction, Brooklyn, N. Y. 1957.

Battocletti, Joseph H., Associate Professor of Electrical Engineering, Loyola University of Los Angeles, Los Angeles, Calif. 1956.

Baty, James B., Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1948.

Bauder, Frederick W., Professor of Chemistry, Newark College of Engineering, Newark, N. J. 1943.

Bauer, Edward E., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1936.

Bauer, F. S., Professor Emeritus of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1914.

Bauer, Walter H., Professor of Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.

Baughman, George H., Jr., Manager, Office of Development, Drexel Institute of Technology, Philadelphia, Pa. 1954.

Baughman, Norwood E., Associate Professor of Engineering Drawing, Rose Polytechnic Institute, Terre Haute, Ind. 1953.

Baughman, Robert, Instructor in Industrial Technology, Lain Technical Institute, Indianapolis, Ind. 1956.

Bauling, Frederick G., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1955.

Baum, Harry, Professor Emeritus of Electrical Engineering, The City College of New York, New York 31, N. Y. (Home: 150 Bennett Ave., New York 40, N. Y.) (*Life Member.*) 1935.

Baum, Robert M., Senior Engineer, Electronics Division, Sylvania Electric Products, Inc., 1740 Broadway, New York, N. Y. 1953.

Baumeister, Theodore S., Stevens Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1935.

Baxter, Leland K., Associate Professor and Chairman of Mechanical Engineering, Brigham Young University, Provo, Utah. 1955.

Baxter, Robert A., Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1925.

Baxter, Wyley L., Lt. Col., Associate Professor of Graphics, United States Air Force Academy, Denver, Colo. 1956.

Bayer, Bruce M., Professor of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1949.

Bayer, Richard, Associate Professor of Mechanical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1957.

Bayne, James W., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1947.

Beach, Harry L., Associate Professor of Mechanical Engineering, 111 Engineering Bldg., University of Missouri, Columbia, Mo. 1946.

Beach, Robin, President, Robin Beach Engineers Associated, Brooklyn 1, N. Y. 1917.

Beach, R. Kenneth, Professor of Electrical Engineering, University of Wyoming, Laramie, Wyo. 1946.

Beach, Samuel H., Director of Placement, Columbia University, New York, N. Y. 1956.

Beakley, George C., Professor of Engineering, Arizona State College, Tempe, Ariz. 1948.

Beal, George M., Director of University Building Program, Head of Architecture and Arichitectural Engineering, University of Kansas, Lawrence, Kan. 1935.

Beam, Robert E., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1942.

Beamesderfer, John W., Professor and Head of Chemistry, University of Maine, Orono, Me. 1957.

Beane, John A., Professor of Mechanics and Head, Dept. of Drawing, Mechanics, and Design, University of Buffalo, Buffalo, N. Y. 1943.

Beattie, Ira M., Associate Professor of Civil Engineering, University of New Brunswick, Fredericton, New Brunswick, Canada. 1958.

Beatty, H. Russell, President, Wentworth Institute, 550 Huntington Ave., Boston, Mass. (*Member of Council, 1949–54.*) 1937.

Beatty, John M., Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Beauchamp, Clarence J., Instructor in Descriptive Geometry and Drafting, Chrysler Institute, Detroit, Mich. 1957.

Beaver, J. Lynford, Visiting Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. *Life Member.* 1914.

Bechtold, Ray H., Registrar, General Motors Institute, Flint, Mich. 1953.

Beck, Betty A., Instructor in Engineering Drawing and Descriptive Geometry, University of Colorado, Boulder, Colo. 1956.

Beck, Lester E., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1931.

Beck, Niels C., Director-General, Union of Burma Applied Research Institute, Rangoon, Burma. 1946.

Becker, Stewart, Assistant Professor of Physics, University of Arizona, Tucson, Ariz. 1958.

Beckett, Royce E., Associate Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. 1957.

Beckley, J. F., Associate Professor of Mechanical Engineering, Norwich University, Northfield, Vt. 1958.

Beckman, Bertha, Administrative Assistant, College of Engineering, University of California, Los Angeles, Calif. 1950.

Beckwith, Thomas G., Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1944.

BEDELL, ROBERT K., Instructor in Mechanical Engineering, The Cooper Union School of Engineering, New York, N. Y. 1956.

BEDWELL, THOMAS H., Associate Professor of Physics, State University of South Dakota, Vermillion, S. Dak. 1955.

BEEHLER, C. HUBERT, Instructor in Engineering, Detroit Institute of Technology, Detroit, Mich. 1958.

BEER, FERDINAND P., Professor and Head of Mechanics, Lehigh University, Bethlehem, Pa. 1957.

BEESON, CARROL M., Professor and Head of Petroleum Engineering, University of Southern California, Los Angeles, Calif. 1949.

BEESTON, JOSEPH M., 1604 Charlene, Idaho Falls, Idaho. 1957.

BEGEMAN, MYRON L., Professor of Mechanical Engineering, The University of Texas, Austin 12, Tex. 1937.

BEGGS, JOSEPH S., Professor of Engineering, University of California, Los Angeles, Calif. 1958.

BEHLER, RALPH W., Educational Supervisor, Chrysler Institute of Engineering, Detroit, Mich. 1956.

BEHN, ROBERT C., Instructor in Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. 1956.

BEHR, ANTHONY N., Chairman of Basic Science, Academy of Aeronautics, LaGuardia Air Port, Flushing, N. Y. 1954.

BEIGHTLER, CHARLES S., Instructor in Industrial Engineering, Northwestern University, Evanston, Ill. 1958.

BEISLER, WALTER H., Chemical Engineering, University of Florida, Gainesville, Florida. 1936.

BEISTLINE, EARL H., Dean of Mines, University of Alaska, College, Alaska. 1957.

BEITLER, SAMUEL R., Director of Personnel Budget, The Ohio State University, Columbus, Ohio. 1926.

BELAVIC, ANDREW M., Senior Industrial Engineer, E. F. Hauserman Co., 1007 East 71st St., Cleveland, Ohio. 1952.

BELEAL, ARTHUR P., Instructor in Engineering, El Camino College, El Camino, Calif. 1957.

BELKNAP, J. HARRISON, Dean Emeritus, Graduate Section, USAF Institute of Technology, Wright-Patterson Base, Dayton, Ohio. (Home address: 2308 Newport St., Denver 7, Colo.) (*Member of Council, 1941–44.*) 1938.

BELL, HERBERT W., Manager of Book Dept., F. W. Dodge Corp., New York, N. Y. 1954.

BELL, JAMES M., Soils Engineer, Converse Foundation Engineers, Pasadena, Calif. 1955.

BELL, JAMES W., Assistant Professor of Engineering, Lowell Technological Institute, Box 343, Groton, Mass. 1952.

BELL, JULIAN A., Associate Professor of Engineering, Arlington State College, Arlington, Tex. 1957.

BELL, NORMAN R., Associate Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn 1, N. Y. 1943.

BELMAN, B. IVAN, Instructor in Engineering Graphics, Fresno City College, Fresno, Cal. 1956.

BEMIS, ALPHEUS C., Instructor in Applied Mechanics, Michigan State University, East Lansing, Mich. 1958.

BENDER, DONALD L., Instructor in Civil Engineering, Washington State College, Pullman, Wash. 1957.

BENDER, HARRY A., Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1945.

BENDER, MILTON E., JR., Associate Professor and Head of Civil Engineering, Colorado State University, Fort Collins, Colo. 1953.

BENDER, PHILLIP R., Associate Professor of Mathematics, Milwaukee School of Engineering, Milwaukee, Wis. 1957.

BENDICK, STEPHEN A., Assistant Professor, Pennsylvania State University, Wilkes-Barre, Pa. 1956.

BENEDICT, A. A., Professor and Head of Physics, Ohio Northern University, Ada, Ohio. 1955.

BENEDICT, GEORGE W., Manager, North American Aviation, Incorporated, 485 Lexington Avenue, New York, N. Y. 1957.

BENEDICT, OTIS JR., Professor of Industrial Engineering, Pratt Institute, 215 Ryerson Street, Brooklyn 5, N. Y. 1929.

BENEDICT, RUSSELL H., Associate Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1950.

BENEDICT, R. RALPH, Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1939.

BENFORD, HARRY, Associate Professor of Naval Architecture and Maritime Engineering, University of Michigan, Ann Arbor, Mich. 1958.

BENISCHEK, HOWARD W., Supervisor, Research and Development Contracts, Sandia Corporation, Albuquerque, N. M. 1953.

BENJAMIN, CURTIS G., President, McGraw-Hill Book Co., Inc., 330 W. 42d St., New York 36, N. Y. 1933.

BENJAMIN, JACK R., Associate Professor of Structural Engineering, Stanford University, Stanford, Calif. 1954.

BENJAMIN, JAMES C., Senior Professional Employment Representative, Standard Oil Company of California, 225 Bush Street, San Francisco 20, Calif. 1958.

BENNETT, ALBERT A., Professor of Mathematics, Brown University, Providence 12, R. I. 1936.

BENNETT, CARSON W., Librarian, Rose Polytechnic Institute, Terre Haute, Ind. 1951.

BENNETT, CLARENCE E., Professor and Head, Dept. of Physics, University of Maine, Orono, Me. (*Member of Council, 1949–51.*) 1939.

BENNETT, JAMES L., Chairman of Engineering Drawing, Junior College of Kansas City, Kansas City, Mo. 1953.

BENNETT, J. GARDNER, Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1932.

BENNETT, JOSEPH A., Professor and Head of Engineering Drawing, University of Alabama, University, Ala. 1949.

BENNETT, RALPH D., Manager, General Electric Vallecitos Atomic Laboratory, Pleasanton, Calif. 1937.

BENSMAN, CLARENCE H., Head, Electrical Technology, Erie County Technical Institute, Buffalo 7, N. Y. 1948.

BENSON, FRED J., Vice-Director of Texas Engineering Experiment Station and Executive Officer of Texas Transportation Institute, A. and M. College of Texas, College Station, Tex. 1938.

BENSON, HENRY W., Senior Instructor, Dept. of Physics, Wentworth Institute, Boston, Mass. 1945.

BENSON, ROLAND A. H., Teacher, Engineering Drawing Section, Product Engineering Department, General Motors Institute, Flint, Mich. 1955.

BENT, RALPH D., Coordinator of Training, Northrop Aeronautical Institute, Inglewood 1, Calif. 1958.

BENTLEY, MARK W., Charleston, South Carolina. 1950.

BENTLEY, WILSON J., Professor and Head of Industrial Engineering and Management, Oklahoma State University, Stillwater, Okla. 1952.

BENTON, CHARLES E., Head of Physics, Wentworth Institute, Boston, Mass. 1956.

BENUMOF, REUBEN, Head of Mathematics-Science, Staten Island Community College, New York, N. Y. 1957.

BERARD, SAMUEL J., Professor Emeritus of Mechanical Engineering, Brown University, Providence, R. I. *Life Member.* 1912.

BERATAN, LEON L., 9533 Lawler Avenue, Skokie, Illinois. 1954.

Berends, Henry E., U. S. 55565091, Frankford Arsenal, Philadelphia, Pa. 1955.

Beresford, Hobart, Professor and Head, Department of Agricultural Engineering, Iowa State College, Ames, Iowa. 1929.

Berg, Glen V., Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1958.

Berg, Lloyd, Professor and Head, Dept. of Chemical Engineering, Montana State College, Bozeman, Mont. 1946.

Bergdolt, Vollmar E., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1956.

Bergelin, Olaf P., APO 74, Box DAC, c/o Postmaster, San Francisco, Calif. 1947.

Bergen, Martin J., Engineering Associates, Port of New York Authority, Truck Terminal Bldg., Room S-102, Delancy St., Newark, N. J. 1947.

Berger, J. Alfred, Head and Professor, Metallurgical Engineering Dept., University of Pittsburgh, Pittsburgh, Pa. 1952.

Berger, Paul A., Senior Instructor in Industrial Management, Fashion Institute of Technology, New York 11, N. Y. 1958.

Berggren, Willard P., Dean of Engineering, University of Bridgeport, Bridgeport, Conn. 1953.

Bergh, Donald A., Instructor in Metallurgy, General Motors Institute, Flint, Mich. 1953.

Bergren, Ernest L., Associate Professor of Mechanical Engineering, Montana State College, Bozeman, Mont. 1948.

Bergren, G. Walter, Professor of Mechanical Engineering and Supervisor of Cooperative Engineering Education, Montana State College, Bozeman, Mont. 1948.

Bergseth, Frederick R., Professor of Electrical Engineering, University of Washington, Seattle 5, Wash. 1950.

Bergstresser, Neil E., 8432 Hatillo, Canoga Park, Calif. 1955.

Bergstrom, Robert E., Product Engineering, General Motors Institute, Flint, Mich. 1956.

Berkemeier, William P., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1956.

Berkner, Lloyd V., President of Associated Universities, Inc., New York, N. Y. 1954.

Berleth, Francis H., Director, Engineering Training, Hughes Tool Company, P.O. Box 2539, Houston 1, Tex. 1952.

Bernabei, Brother Austin, Instructor in Physics, Manhattan College, New York 71, N. Y. 1957.

Bernado, Robert F., Graduate Assistant in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1956.

Berne-Allen, Allan, Chemical Engineer, 144 North Washington Drive, St. Armands Key, Sarasota, Fla. 1949.

Bernhardt, Lee F., Director of Engineering Drawing, Indiana Technical College, Fort Wayne, Ind. 1957.

Bernhart, Walter D., Instructor, Civil Engineering, University of Wichita, Wichita, Kans. 1955.

Beroes, Charles S., Associate Professor of Chemical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1957.

Beroza, Paul P., Associate Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1950.

Berry, C. Harold, Gordon McKay Professor Emeritus of Mechanical Engineering, Harvard University, Cambridge, Mass. Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1928.

Berry, Donald S., Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1954.

Berry, Francis R., Jr., Assistant Professor of Engineering Design, University of California, Berkeley, Calif. 1955.

Berry, Ralph M., Professor of Geodesy and Surveying, University of Michigan, Ann Arbor, Mich. 1957.

Berry, William B., Instructor in Electrical Engineering, Marquette University, Milwaukee, Wis. 1957.

Bertsch, Carl V., Professor of Physics, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1947.

Besio, Charles A., Supervisor, Engineering Personnel, Chance Vought Aircraft, P.O. Box 5907, Dallas, Tex. 1947.

Besley, Harry E., Professor and Head, Dept. of Agricultural Engineering, Rutgers University, New Brunswick, N. J. 1947.

Best, Charles L., Associate Professor of Mechanics, Lafayette College, Easton, Pa. 1955.

Best, Chester R., Assistant Professor of Engineering Mechanics, Louisiana State University, Baton Rouge 3, La. 1955.

Best, Herbert W., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1935.

Best, Stanley V., Associate Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Bethel, Lawrence L., President, Fashion Institute of Technology, New York, N. Y. 1942.

Betros, Louis A., Director of Technical Writing, Central Technical Institute, Kansas City, Mo. 1950.

Bettencourt, William, Instructor in Mechanical Drawing, Belmont Senior High School, Belmont, Mass. 1941.

Betterley, Melvin L., Professor of Engineering Drawing, State University of Iowa, Iowa City, Ia. 1947.

Betterley, Ralph E., Assistant Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1953.

Betts, Attie L., Professor and Chairman of Electrical Engineering, Washington State College, Pullman, Washington. 1949.

Betts, Robert E., 707 West Morgan Street, Raleigh, N. C. 1950.

Beukena, Henry J., Associate Professor in Industrial Technology, Western Michigan University, Kalamazoo, Mich. 1958.

Bewley, Loyal V., Dean of Engineering, Lehigh University, Bethlehem, Pa. (*Member of Council, 1955–57.*) 1940.

Beyer, Frank R., Engineer, Atomic Power Development Association, Inc., 23044 Lodge Lane, Dearborn, Mich. 1950.

Beyer, Gerhard H., Professor and Chairman of Chemical Engineering, University of Missouri, Columbia, Mo. 1954.

Bezbatchenko, Michael, Associate Professor of Mechanical Engineering, University of Akron, Akron, Ohio. 1950.

Bianchini, Albert C., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1956.

Bibber, Harold W., Professor of Electrical Engineering, Union College, Schenectady, N. Y. 1922.

Biberstein, Frank A., Professor and Head of Civil Engineering and Coordinator of Research, Catholic University of America, Washington, D. C. 1953.

Bieber, Herman, Group Head, Process Research Department, Esso Research and Engineering Company, Linden, N. J. 1955.

Biedenbach, Joseph M., Physics, General Motors Institute, Flint, Mich. 1952.

Biehl, Arthur T., Lecturer Mechanical Engineering, University of California, Berkeley, Calif. 1958.

Bierly, George W., Administrative Head, Technical Institute, Pennsylvania State University, Wilkes-Barre, Pa. 1954.

Bigelow, Arthur L., Assistant Professor of Graphics, Princeton University, Princeton, N. J. 1948.

Bigelow, Clifford G., Assistant in Industrial Engineering, Columbia University, New York, N. Y. 1952.

Biggers, Hope, Instructor in Aircraft Department, Civil Aeronautical Authority, Aeronautical Center, Oklahoma City, Okla. 1958.

BIGNELL, JAMES F., Professor and Head of Engineering Drawing, University of Tampa, Tampa, Fla. 1953.

BILANSKI, WALTER K., Associate Professor of Engineering Science, Ontario Agricultural College, Guelph, Ontario, Canada. 1957.

BILLIET, WALTER E., Coordinator, Technical Education, Henry Ford Community College, Dearborn, Mich. 1958.

BILLINGS, BARBARA C., Instructor in Engineering Drawing, Syracuse University, Syracuse, N. Y. 1954.

BILLINGS, J. HARLAND, Professor and Head, Dept. of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1919.

BILLINGSLEY, JOHN D., Professor and Head of the Department of Ordnance, United States Military Academy, West Point, N. Y. 1951.

BILTERMAN, HENRY L., Instructor in Engineering, San Diego State College, San Diego, Calif. 1957.

BILYK, MATHEW H., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1952.

BINDER, RAYMOND C., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

BINGHAM, LLOYD A., Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1933.

BINGHAM, R. W., 811 Valencia, Dallas, Tex. 1955.

BINNS, FRANK, Assistant Professor of Engineering Drawing (Emeritus), Mount Allison University, Sackville, New Brunswick, Canada. 1948.

BINTZER, H. RUSSELL, Vice President, Carnegie Institute of Technology, Pittsburgh, Pa. 1948.

BINZEL, MARKLEY S., 431 Alice Ave., Kirkwood 22, Mo. 1947.

BIRCH, RAYMOND E., Director of Research, Harbison-Walker Refractories Co., 1800 Farmers Bank Bldg., Pittsburgh 22, Pa. 1942.

BIRD, H. C., Professor Emeritus of Civil Engineering, Duke University, Durham, N. C. (Home: 1209 Virginia Ave.) *Life Member.* 1914.

BIRINGER, PAUL P., Assistant Professor of Electrical Engineering, University of Toronto, Toronto 5, Ontario, Canada. 1958.

BIRK, W. OTTO, Professor and Head, Dept. of English, University of Colorado, Boulder, Colo. (*Member of Council, 1940–43, 1946–48.*) 1920.

BIRKEMEIER, WILLIAM P., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1956.

BIRKNESS, HARALD A., Senior Project Supervisor, Engineering Research Department, Standard Oil Company (Indiana), 2400 New York Avenue, Whiting, Ind. 1943.

BIRNIE, CLOTWORTHY, JR., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1952.

BISCHOF, GUSTAVE J., Professor of Mechanical Engineering, The City College of New York, New York 31, N. Y. 1931.

BISCHOFF, FREDERICK B., Instructor in Engineering, Lowell Technological Institute, Lowell, Mass. 1955.

BISCOE, JONATHAN, Professor of Physics, University of Maine, Orono, Me. 1951.

BISHOP, ALBERT B., III, Assistant Professor of Industrial Engineering, Ohio State University, Columbus 10, Ohio. 1955.

BISHOP, JOHN A., Professor of Chemistry, Newark College of Engineering, Newark, N.J. 1951.

BISPLINGHOFF, RAYMOND L., Professor of Aeronautical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1955.

BISSETT, JAMES R., Associate Director, Engineering Experiment Station, University of Arkansas, Fayetteville, Ark. 1950.

BISSIRI, AUGUSTO, JR., Instructor in Engineering, Los Angeles City College, Los Angeles, Cal. 1956.

BITNER, R. FRANK, Assistant Vice President, Prentice-Hall, Inc., 70 Fifth Ave., New York 11, N. Y. 1947.

BJORK, JOHN A., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1948.

BLACK, CLAIR W., Associate Professor of Science and Engineering, Fairleigh Dickinson College, Rutherford, N. J. 1953.

BLACK, EARL D., Head of Engineering Drawing and Kinematics, Product Engineering, General Motors Institute, Flint, Mich. 1949.

BLACK, HENRY M., Professor and Head, Dept. of Mechanical Engineering, Iowa State College, Ames, Iowa. 1946.

BLACK, LOREN T., Instructor in Mathematics, Long Beach City College, Long Beach, Calif. 1956.

BLACK, PAUL H., Professor and Chairman, Dept. of Mechanical Engineering, Ohio University, Athens, Ohio. 1936.

BLACK, THOMAS J., Instructor in Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1957.

BLACKBURN, JACK B., Harland Bartholomew and Associates, 317 North Eleventh Street, St. Louis, Mo. 1954.

BLACKMAN, JAMES S., Professor of Engineering Mechanics, University of Nebraska, 303 Bancroft Hall, Lincoln 8, Nebr. 1945.

BLACKWELL, WILLIAM A., Instructor in Electrical Engineering, Michigan State University, East Lansing, Mich. 1954.

BLADE, Mary F., Associate Professor of Mechanical Engineering, The Cooper Union, New York, N. Y. 1949.

BLAIR, LEON N., Instructor in General Engineering, University of Illinois, Chicago, Ill. 1953.

BLAIR, PHILIP M., Assistant Professor of Mechanical Engineering, San Jose State College, San Jose, Calif. 1956.

BLAIR, SIDNEY R., Bechtel Corporation, 220 Bush St., San Francisco, Calif. 1957.

BLAISDELL, A. H., Associate Professor Emeritus of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (Home: 1839 Graham Blvd. *Life Member.*) 1921.

BLAKE, JOHN H., Associate Professor of Chemical Engineering, University of Colorado, Boulder, Colo. 1956.

BLAKESLEE, HORACE W., Assistant Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1949.

BLAKESLEE, L. ROBERT, Professor and Chairman, Dept. of Architectural Engineering, University of Detroit, Detroit, Mich. (*Member of Council, 1948–50.*) 1935.

BLAKESLEE, THEODORE R., Associate Professor of Engineering, Trinity College, Hallden Laboratory, Hartford 6, Conn. 1949.

BLALOCK, GROVER C., Professor Emeritus of Electrical Engineering, Purdue University, Lafayette, Ind. (Home address: 336 W. Lutz Avenue, West Lafayette, Ind.) (*Life Member.*) 1918.

BLANCHARD, FLETCHER A., JR., Box 43, Freeville, N. Y. 1951.

BLANCHARD, JACK W., Assistant Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

BLANCHARD, RALPH S., JR., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1952.

BLANCHARD, RICHARD D., Director of Public Relations, Newark College of Engineering, Newark, N. J. 1957.

BLANCHE, JOHN G., JR., Assistant Professor of Mechanical Engineering, Louisiana State University, Baton Rouge, La. 1948.

BLANCO, ERNESTO ENRIQUE, Professor of Engineering Drawing, Universidad de Villanueva, Marianao, Habana, Cuba. 1958.

BLATHERWICK, ALLAN A., Assistant Professor of Mechanics and Materials, University of Minnesota, Minneapolis, Minn. 1952.

BLECKMAN, GEORGE L., Instructor in Engineering Mechanics, New York University, New York, N. Y. 1957.

BLEKKING, EARL H., Interim Instructor of Industrial Engineering, University of Florida, Gainesville, Fla. 1956.

BLESSEY, WALTER E., Professor of Civil Engineering, Tulane University, New Orleans, La. 1949.

BLEVINS, CRAIG M., Assistant Professor of Engineering Drawing, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

BLICKENSDERFER, HERMAN, Professor and Head, Dept. of Civil Engineering, Bradley University, Peoria, Ill. 1942.

BLICKLE, MARGARET D., Assistant Professor of English, Assistant Director of Composition Staff, Ohio State University, Columbus, Ohio. 1951.

BLIESNER, GUSTAV H., Lecturer in Electrical Engineering, Seattle University, Electrical Engineer, United States Corps of Engineers, Seattle, Wash. 1953.

BLISS, WILLIAM D., Dean Emeritus, College of Engineering, Marquette University, Milwaukee, Wis. 1926.

BLISS, ZENAS R., Professor of Engineering, Brown University, Providence, R. I. 1927.

BLIZARD, WARREN E., Instructor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1958.

BLOCK, STANLEY M., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1955.

BLODGETT, HOWARD B., Dean of Engineering, University of Nevada, Reno, Nev. 1933.

BLOODGOOD, DON E., Professor of Civil Engineering, Purdue University, West Lafayette, Ind. 1954.

BLOOM, MORTIMER L., Instructor in Art, Brooklyn College, Brooklyn, N. Y. 1957.

BLOXSOME, JOHN L., Professor and Head of English and History, Rose Polytechnic Institute, Terre Haute, Ind. 1948.

BLUM, HAROLD A., Associate Professor of Mechanical Engineering, Southern Methodist University, Dallas, Tex. 1957.

BLUM, VICTOR J., S.J., Dean of Engineering, Professor of Geophysical Engineering, Saint Louis University, St. Louis, Mo. (*Member of Council 1957–59.*) 1946.

BLUMAN, DEAN E., Instructor in Mechanical Engineering, Michigan State University, East Lansing, Mich. 1956.

BLUMBERG, LEO, Chairman, Engineering Division and Professor of Mechanical Engineering, Pennsylvania Military College, Chester, Pa. (Home: 4 East 14th St., Wilmington, Del.) 1922.

BLUMENTHAL, IRWIN S., Engineer, Electronics Division, Rand Corp., Santa Monica, Calif. 1951.

BLYMYER, FRANK, General Supervisor, Electro-Motive Div., General Motors Company, Hinsdale, Ill. 1958.

BLYTHE, DAVID K., Head of Civil Engineering, University of Kentucky, Lexington, Ky. 1951.

BOARDMAN, H. S., President Emeritus, University of Maine. (39 Winter St., Waterville, Me.) (*President, 1930–31; Vice President, 1923–24; Member of Council, 1919–24, 1930–31.*) *Life member.* 1903.

BOARTS, ROBERT M., Professor and Head of Chemical and Metallurgical Engineering, University of Tennessee, Knoxville 16, Tenn. (*Member of Council 1951–53.*) 1937.

BOAST, WARREN B., Professor and Head of Electrical Engineering, Iowa State College, Ames, Iowa. 1940.

BOBBITT, CHARLES W., Instructor in Mechanical Engineering, Mississippi State University, State College, Miss. 1957.

BOBCO, RICHARD P., Engineer, Environmental Control, Northrop Aircraft, Inc., Hawthorne, Calif. 1955.

BOBECK, ROBERT E., Assistant Instructor in Machine Department, Wentworth Institute, Boston, Mass. 1956.

BOCK, ARTHUR E., Professor of Marine Engineering, U. S. Naval Academy, Annapolis, Md. 1944.

BOCKHORST, DAYLE F., Instructor in Engineering Drawing, University of Kansas, Lawrence, Kans. 1951.

BOCQUET, PHILIP E., Associate Professor of Chemical Engineering, University of New Mexico, Albuquerque, N. Mex. 1958.

BODNER, SOL R., Assistant Professor of Engineering, Brown University, Providence, R. I. 1958.

BODOR, STEPHEN J., Instructor in Mathematics and Physics, Lowell Technological Institute, Lowell, Mass. 1958.

BOECK, RALPH E., Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1947.

BOEHMER, ANDREW P., Research Engineer, Borg Warner Central Research Laboratory, Des Plaines, Ill. 1948.

BOEHMER, HERBERT, Assoc. Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

BOEHMER, HERBERT, Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1943.

BOEHNE, EUGENE W., Professor of Electrical Engineering, Director of Cooperative Program, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

BOEHNLEIN, CHARLES T., Professor of Engineering, University of California, Los Angeles, Calif. 1954.

BOELTER, LLEWELLYN M. K., Dean, College of Engineering, University of California, Los Angeles, Calif. (*Twenty-Ninth Recipient, Lamme Medal, 1956.*)

BOGAN, RICHARD H., Associate Professor Civil Engineering, University of Washington, Seattle 5, Wash. 1955.

BOGARD, BEN T., Dean, School of Engineering, Louisiana Polytechnic Institute, Ruston, La. 1939.

BOGARDUS, FREDERICK J., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1949.

BOGEMA, MARVIN, Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1943.

BOGGESS, ROBERT L., Research Associate, E.E. Univ. of Michigan, Ann Arbor, Mich. 1954.

BOGGS, JAMES H., Head, School of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1953.

BOGGS, ROBERT W., Assistant Manager of General Publicity, Union Carbide Corporation, New York, N. Y. 1945.

BOGHOSIAN, WILLIAM H., Professor of Electrical Engineering, Associate Director Institute for Cooperative Research, University of Pennsylvania, Philadelphia 4, Pa. 1953.

BOGUSLAVSKY, BORIS W., Senior Civil Engineer Aramco Overseas Co., The Hague, Netherlands. 1943.

BOH, JULES J., Instructor in Industrial Engineering, Hofstra College, Hempstead, N. Y. 1957.

BOHL, ROBERT W., Associate Professor of Metallurgical Engineering, University of Illinois, Urbana, Ill. 1954.

BOKENKAMP, HARRY J., Industrial Engineer, Pittsburgh Plate Glass Co., Clarksburg, W. Va. 1949.

BOLDEN, DAVID I., Associate Professor of Civil Engineering, Valparaiso University, Valparaiso, Ind. 1957.

BOLING, RONALD W., Assistant Professor of Industrial Engineering, University of Tennessee, Knoxville, Tenn. 1955.

BOLLAY, WILLIAM, President and Technical Director, Aerophysics Development Corporation, 221 East Constance Avenue, Santa Barbara, Calif. 1949.

BOLLE, DONALD M., Instructor in Electrical Engineering, Purdue University, West Lafayette, Ind. 1957.

Bolt, Jay A., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Bolton, F. C., President Emeritus, Agricultural and Mechanical College of Texas, College Station, Tex. (*Member of Council, 1919–22; Vice President, 1937–38.*) *Life Member.* 1910.

Bolton, John H., Editor, Engineering Experiment Station, Iowa State College, Ames, Iowa. 1949.

Bolz, Harold A., Dean of Engineering, Ohio State University, Columbus 19, Ohio. (*Member of Council, 1950–53.*) 1948.

Bolz, Ray E., Professor and Head of Mechanical Engineering and Engineering Science Curriculum, Case Institute of Technology, Cleveland 2, Ohio. (*Member of Council, 1950–52.*) 1938.

Bonanno, Frederick R., Instructor in Mechanics, United States Air Force Academy, Denver, Colo. 1957.

Bonar, Albert J., Associate Prof. in Civil Engineering, University of Houston, Houston, Texas. 1950.

Bond, R. David C., Chemical Engineering Coordinator, Waterloo College, Associate Faculties, Waterloo, Ontario, Canada. 1958.

Bond, Robert E., Assistant Professor of Drawing, University of Houston, Houston, Tex. 1956.

Bond, Thomas H., Associate Professor of Engineering, State University Maritime College, Fort Schuyler, N. Y. 1954.

Bonduraut, Byron L., Head, Department of Agricultural Engineering, University of Maine, Orono, Me. 1955.

Bone, Alexander J., Associate Professor of Transportation Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1944.

Bone, Harold K., Associate Professor of Engineering Drawing, University of Oklahoma, Norman, Okla. 1947.

Bonell, John A., Professor of Civil Engineering, University of Nevada, Reno, Nev. 1955.

Bonilla, Charles F., Director of Puerto Rico Nuclear Center (AEC), University of Puerto Rico, College Station, Mayaguez, Puerto Rico. 1944.

Bonin, James A., Assistant Instructor in Electrical Engineering, Marquette University, Milwaukee, Wis. 1957.

Bonn, George S., Chief, Science and Technology Division, New York Public Library, New York, N. Y. 1949.

Bonn, Robert, Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Bonner, Thomas W., Chairman and Professor of Physics, Rice Institute, Houston, Texas. 1954.

Bonney, Donald T., Professor of Chemical Engineering, University of Maryland, College Park, Md. 1958.

Bonow, W. Burnett, Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1956.

Bonthron, Robert J., Assistant Professor of Mechanical Engineering and Administrative Assistant to the Dean of Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1957.

Booher, Edward E., Executive Vice President, McGraw-Hill Book Co., Publisher. *Technical Education News,* **330 W. 42nd St., New York 36, N. Y. 1939.**

Booker, Henry G., Professor of Electrical Engineering, Cornell University, Ithaca, New York. 1958.

Boomsliter, George P., 1491 South Lumpkin Street, Athens, Ga. *Life Member.* (*Member of Council, 1943–47.*) **1912.**

Boon, Leonard F., Assistant Professor of Civil Engineering (Retired), University of Minnesota, Minneapolis, Minn. 1922.

Boone, E. Milton, Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1943.

Boore, William F., Jr., Major U.S.A.F. Management Analysis Division Hq. ARDC, P.O. Box 1395, Baltimore 3, Md. 1950.

Booth, A. Allan K., Associate Chairman, Evening and Extension Division, Rensselaer Polytechnic, Troy, N. Y. 1943.

Bordan, Jack, Associate Professor and Head of Engineering, Sir George Williams College of Engineering, Montreal 25, Canada. 1957.

Borden, Roger R., Head of Machine Construction and Tool Design, Wentworth Institute, Boston, Mass. 1954.

Bordt, Frederick J., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

Borecki, Theodore B., Assistant Professor of Industrial Engineering, Pratt Institute, Brooklyn, N. Y. 1957.

Boresi, Arthur P., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1950.

Borg, Grant K., Professor and Head of Civil Engineering, University of Utah, Salt Lake City 12, Utah. 1951.

Borg, Sidney F., Head of Civil Engineering, Stevens Institute of Technology, Hoboken, N. J. 1944.

Borgman, William M., Associate Dean of Administration and Associate Professor of Mathematics, Wayne State University, Detroit, Mich. 1939.

Borgmann, Carl W., Director, Program in Science and Engineering, The Ford Foundation, 477 Madison Avenue, New York, N. Y. 1938.

Borgo, Philip E., Instructor in Civil Engineering, Arizona State College, Tempe, Ariz. 1958.

Borgquist, Erasmus S., Professor Emeritus and Head of Civil Engineering, University of Arizona, Tucson, Ariz. (Home: 1017 Palm Road.) (*Life Member.*) 1931.

Boring, Maynard M., Consultant (Retired), Engineering Manpower, General Electric Company, Schenectady, N. Y. (Home: 8 Witbeck Drive, Scotia 2, New York.) (*Member of Council, 1935–38; Vice President, 1951–53; President, 1955–56.*) 1922.

Borkert, John J., Chief Engineer, Beatty Machine and Manufacturing Company, Hammond, Ind. 1949.

Bornemann, Alfred, Professor and Head, Dept. of Metallurgy, Stevens Institute of Technology, Hoboken, N. J. 1951.

Borri, Robert, Associate Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1947.

Borst, Lyle B., Chairman of Physics Department, New York University, New York 53, N. Y. 1955.

Bortner, Robert L., Chief Engineer, Administration, Republic Aviation Corporation, Farmingdale, Long Island, N. Y. 1955.

Boss, William, Professor Emeritus, Agricultural Engineering, University of Minnesota St. Paul, Minn. (Home: 1439 Raymond Ave.) *Life Member.* **1925.**

Bossenga, John R., Assistant Professor in Engineering Drawing, Northwestern Technological Institute, Evanston, Ill. 1953.

Boston, Orlan W., Professor Emeritus of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1937.

Botkin, Kenneth E., Assistant Professor of Engineering Graphics, Purdue University, Lafayette, Ind. 1950.

Botsut, Holbrook G., Professor and Head, Dept. of Petroleum Engineering, University of Pittsburgh, Pittsburgh, Pa. 1947.

Bottaccini, Manfred R., Department of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1956.

Boubel, Richard W., Instructor in Mechanical Engineering, Oregon State College, Corvallis, Ore. 1958.

Boucher, Robert X., Training Officer, National Security Agency, Ft. George G. Meade, Md. 1956.

Boudreaux, Felix J., Associate Professor of Electrical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1954.

Boulanger, Wesley P., Instructor in Civil Engineering, Montana State College, Bozeman, Mont. 1958.

Boulet, J. Lionel, Head of Electrical Engineering, Laval University, Quebec, Canada. 1957.

Boulton, Berthoud C., Executive Assistant to Vice President in Engineering, McDonnell Aircraft Corporation, St. Louis, Mo. 1956.

Bourgalt, Roy F., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1958.

Bourne, Henry C., Jr., Associate Professor of Electrical Engineering, University of California, Berkeley, Cal. 1953.

Bourne, Richard D., Assistant Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1948.

Bourret, Philip L., Reverend, S.J., Catholic Mission, New Village, Taipei, Taiwan, Formosa. 1947.

Boutilier, O. David, Instructor in Civil Engineering, Michigan College of Mining & Technology, Houghton, Mich. 1953.

Boutwell, Frederick K., Instructor in Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1949.

Bowden, Frederick W., Head, Department of Electrical Engineering, California State Polytechnic College, Pomona, Calif. 1952.

Bowen, David H., Assistant Professor of Engineering, Tuskegee Institute, Tuskegee, Ala. 1957.

Bowers, Robert P., Instructor in Basic Engineering, University of Akron, Akron, Ohio. 1958.

Bowhill, Sidney A., Associate Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1957.

Bowler, David L., Assistant Professor of Electrical Engineering, Swarthmore College, Swarthmore, Pa. 1955.

Bowler, Edmond W., Professor of Department of Civil Engineering, University of New Hampshire, Durham, N. H. 1923.

Bowles, Leon E., Instructor in Engineering, Tuskegee Institute, Alabama. 1958.

Bowles, Leonard W., Instructor in Electrical Engineering, University of Maine, Orno, Maine. 1958.

Bowman, Cletus E., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1951.

Bowman, Harry L., Dean of the Faculty, Drexel Institute of Technology, Philadelphia 4, Pa. (*Member of Council, 1958–59.*) 1922.

Bowman, James H., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1931.

Bowman, John G., President Honorarius, University of Pittsburgh, Pittsburgh, Pa. *Life Member.* 1923.

Bowman, John R., Associate Dean and Professor Science Engineering, Technical Institute, Northwestern University, Evanston, Ill. 1958.

Bowman, Lee, Instructor in Architecture and Head of Photographic Department, Franklin Technical Institute, Boston, Mass. 1951.

Bowman, Richard S., Assistant Professor of Humanities, The Cooper Union, New York City. 1940.

Boyce, Daniel S., Lecturer in Agricultural Engineering, University of Puerto Rico, Mayaguez, P. R. 1958.

Boyce, Earnest, Professor of Sanitary Engineering and Chairman, Dept. of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1924.

Boyce, Joseph C., Vice President of Academic Affairs and Dean of Graduate School, Illinois Institute of Technology, Chicago, Ill. 1946.

Boyd, Gilbert W., Associate Professor of Metallurgical Engineering, Michigan College of M. & T., Houghton, Mich. 1947.

Boyd, H. Shannon, Associate Professor of Engineering, St. Ambrose College, Davenport, Iowa. 1945.

Boyd, James E., Director, Engineering Experiment Station, Georgia Institute of Technology, Atlanta, Ga. 1957.

Boyd, James S., Professor of Agricultural Engineering, Michigan State University, East Lansing, Mich. 1955.

Boyd, Landis L., Associate Professor of Agricultural Engineering, Cornell University, Ithaca, New York. 1954.

Boyd, Leslie E., Assistant Professor of English, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

Boyd, T. A., Research Consultant (Retired), General Motors Corporation, Detroit, Mich. (Home address: 1016 Harvard Rd., Grosse Pointe 30, Mich.) 1954.

Boyer, Marion C., Hydraulic Engineer, Indiana Flood Control and Water Resources Commission, Indianapolis, Ind. 1950.

Boyer, William W., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1948.

Boylan, David R., Professor of Chemical Engineering, Iowa State College, Ames, Iowa. 1953.

Boyle, Thomas A., Associate Professor of Mechanical Engineering, Duke University, Durham, N. C. 1950.

Boynton, Paul W., Coordinator of College Recruiting, Socony Mobil Oil Company, Incorporated, 150 East 42nd Street, New York 17, N. Y. 1937.

Bradbury, Donald, Professor and Head, Dept. of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1950.

Bradbury, Douglas W., Associate Professor of Drawing & Design, Clemson College, Clemson, S. C. 1950.

Bradford, John R., Dean of Engineering and Professor of Chemical Engineering, Texas Technological College, Lubbock, Tex. 1955.

Bradley, James A., Professor, Chairman Engineering, Newark College of Engineering, Newark, N. J. 1931.

Bradley, William A., Associate Professor of Applied Mechanics, Michigan State University, East Lansing, Mich. 1948.

Bradshaw, George W., Professor and Chairman, Dept. of Civil Engineering, University of Kansas, Lawrence, Kans. (*Member of General Council, 1957–59.*) 1939.

Bragg, Francis C., Associate Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1940.

Braidech, Mathew M., Director of Research, National Board of Fire Underwriters, 85 John St., New York 38, N. Y. 1943.

Brainard, Boyd B., Professor of Mechanical Engineer, Kansas State College, Manhattan, Kans. 1926.

Brainerd, John G., Director of Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1954.

Branch, James E., Professor and Chairman of Architectural Engineering, University of Miami, Coral Gables, Fla. 1951.

Branch, William H., Retired, College Specialist, Educational Relations Department, General Electric Company, 1 River Road, Schenectady, N. Y. (Home address: Hilton Head, South Carolina.) (*Member of Council, 1957–58.*) 1946.

Brand, Glenn E., Home: Box 657 Thousand Oaks, Calif. 1954.

Brand, Ronald S., Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1950.

Brandenburg, Patrick F., Assistant Professor of Mechanical Engineering, University of Wichita, Wichita, Kan. 1956.

Brands, Frank W., Instructor in Electrical Engineering, Washington State College, Pullman, Wash. 1956.

BRANDT, DANIEL A., Assistant Professor of Mechanical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1958.

BRANHAM, ARTHUR K., Assistant Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1946.

BRANIGAN, GEORGE F., Dean, College of Engineering, University of Arkansas, Fayetteville, Ark. (*Member of Council, 1955–57.*) 1929.

BRANIN, M. LELYN, Chairman, Chemistry Department, Newark College of Engineering, Newark, N. J. 1950.

BRANOVAN, LEO, Associate Professor of Mathematics, Marquette University, Milwaukee, Wis. 1950.

BRANSON, DAN E., Doctoral Student in Civil Engineering, University of Florida, Gainesville, Florida. 1957.

BRATER, ERNEST F., Professor of Hydraulic Engineering, University of Michigan, Ann Arbor, Mich. 1940.

BRATTIN, CLAUD L., Assistant Professor of Mechanical Engineering, University of Arizona, Tucscon, Ariz.; Professor and Head of Engineering Drawing Emeritus, Michigan State University, East Lansing, Mich. 1937.

BRAUNWARTH, WILLIAM W., Personnel Manager, New Jersey Operations, Bell Telephone Laboratories, Incorporated, New York, N. Y. 1952.

BRAZDA, LUMIR P., Chairman, Dept. of Architecture and Engineering, Wilson City College, 6800 Stewart Ave., Chicago 21, Ill. 1943.

BRAZELTON, WILLIAM T., Associate Professor of Chemical Engineering, Northwestern University, Evanston, Ill. 1953.

BREAULT, E. EDWARD, Technical Personnel Director, Ingersoll-Rand Company, New York, N. Y. 1949.

BRECKENRIDGE, ROBERT W., Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1934.

BREDEKAMP, MARRIOTT W., Associate Professor of Chemical Engineering, Michigan College of M. & T., Houghton, Mich. 1946.

BRENEMAN, JOHN W., Professor of Engineering Mechanics, The Pennsylvania State University, University Park, Pa. 1942.

BRENKERT, KARL, JR., Associate Professor of Applied Mechanics, Michigan State University, East Lansing, Mich. 1950.

BRENNAN, CHARLES W., Assistant to the Dean, College of Engineering, Director of Engineering Freshmen, Lehigh University, Bethlehem, Pa. 1958.

BRENNAN, RICHARD E., Associate Editor, College Department, Addison-Wesley Publishing Company, Inc., Reading, Mass. 1958.

BRENNER, EGON, Assistant Professor of Electrical Engineering, The City College of New York, New York 13, N. Y. 1955.

BRENNER, JOSEPH, Instructor, New York Graduate Engineering Training Center, Western Electric Company, Inc., 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

BRENTON, WALTER, General Superintendent, Portland General Electric Co., Portland, Ore. 1934.

BRESLER, BORIS, Associate Professor of Civil Engineering, University of California, Berkeley, Calif. 1946.

BRETTON, RANDOLPH H., Associate Professor of Chemical Engineering, Yale University, New Haven, Conn. 1951.

BREUER, DELMAR W., Associate Professor of Mechanics, U. S. Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio. 1958.

BREWSTER, MAURICE R., Professor of Industrial Management, Georgia Institute of Technology, Atlanta, Ga. 1947.

BRIDGE, D. E., Director of Aeronautical, Mechanical and Metallurgical Division, Ryerson Institute of Technology, Toronto 2, Ontario, Canada. 1958.

BRIDGMAN, DONALD S., Consultant, President's Committee on Scientists and Engineers, 98 Highland Avenue, Rowayton, Conn. 1939.

BRIELMAIER, A. A., Professor of Civil Engineering, Washington University, St. Louis 5, Mo. 1950.

BRIEN, FREDERICK B., Associate Professor of Mineral Engineering, University of Washington, Seattle, Wash. 1958.

BRIERLEY, JOHN R., Old Field Point, Setauket, Long Island, N. Y. 1936.

BRIGGS, WILLIAM W., Asst. P. Aeronautical Eng., Purdue U., W. Lafayette, Indiana. 1952.

BRIGHT, JAMES R., Associate Professor of Business Administration, Graduate School of Business Administration, Harvard University, Boston, Mass. 1948.

BRIGHTBILL, LINWOOD J., Associate Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1950.

BRILL, KENNETH G., JR., Professor of Geology and Geological Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

BRILLE, BERNARD J., Instructor in Engineering Drawing, Wright Junior College, Chicago, Ill. 1947.

BRILLINGER, CHARLES J., Director of Training and Education, York Division, Borg-Warner Corporation, York, Pa. 1949.

BRINDA, JOHN, JR., Assistant Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1948.

BRINKER, RUSSELL C., Professor of Civil Engineering Department, Texas Western College, El Paso, Tex. 1931.

BRINKER, WILLIAM E., JR., Chief Engineer, Corn Products Co., 201 N. Wells St., Chicago 6, Ill. 1939.

BRINKMANN, THOMAS H., Executive Secretary, Marking Device Association, 912 Chicago Avenue, Evanston, Ill. 1956.

BRINSON, HALBERT F., Instructor in Engineering Mechanics, North Carolina State College, Raleigh, N. C. 1957.

BRISCOE, JOHN W., Professor and Assistant Head of Civil Engineering, University of Illinois, Urbana, Ill. 1957.

BRITTON, CHARLES C., Assistant Professor of Electrical Engineering, Colorado State University, Fort Collins, Colo. 1950.

BRITTON, ROBERT A., Instructor in Engineering Drawing, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

BROADSTON, JAMES A., Manager and Chief Engineer, Service Division of Rocketdyne Division, North American Aviation, Incorporated, Canoga Park, Cal. 1945.

BROCK, JOHN E., Professor of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1955.

BROCKENBROUGH, THOMAS W., Associate Professor and Acting Chairman of Civil Engineering, University of Delaware, Newark, Del. 1950.

BRODT, ERNEST M., Head, Division of Construction Technology, Ohio Mechanics Institute, Cincinnati, Ohio. 1950.

BROGHAMER, EDWARD L., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1947.

BROMILOW, FRANK, Professor and Head, Civil Engineering Dept., New Mexico College of A. & M., State College, New Mexico. 1939.

BRONWELL, ARTHUR B., President, Worcester Polytechnic Institute, Worcester, Mass. (*Secretary, 1947–55; Member of Council, 1946–55*). 1937.

BROOKE, W. E., Head of Department of Mathematics and Mechanics, University of Minnesota (Retired), Minneapolis, Minn. (*Member of Council, 1924–27.*) *Life member.* 1902.

BROOKINS, JACK E., Supervisor, School of Technical Associates, Oregon Technical Institute, Klamath Falls, Ore. 1958.

BROOKS, EDWARD M., Professor of Geophysics and Geophysical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

BROOKS, HARVEY, Dean of Engineering and Applied Physics, Harvard University, Cambridge 38, Mass. 1957.

BROOKS, J. ANSEL, Professor Emeritus, Newark College of Engineering, Newark, N. J. *Life Member.* 1904.

BROOKS, W. GILBERT, Dean of Stamford Branch, Bridgeport Engineering Institute, Stamford, Conn. 1953.

BROTHERS, LEROY A., Dean of Engineering, Drexel Institute of Technology, Philadelphia 4, Pa. 1958.

BROUGHTON, DEAN C., Engineering Mechanics Consultant, Research Division, A. O. Smith Corporation, 3533 North 27th Street, Milwaukee 1, Wis. 1950.

BROUILLET, IGNACE, President of Corporation DeL'Ecole Polytechnique, Montreal, Canada. 1945.

BROWER, ALLEN S., Advanced Technical Programs, Representative, Engineering Personnel Service, General Electric Company, Schenectady, New York. 1958.

BROWN, ARTHUR S., Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1930.

BROWN, AUBREY I., Professor Emeritus, Mechanical Engineering, Ohio State University, Columbus, Ohio. (*Life Member.*) 1914.

BROWN, BILLINGS, Associate Professor of Chemical Engineering, Brigham Young University, Provo, Utah. 1955.

BROWN, BRYAN L., Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1948.

BROWN, BUCK F., Instructor in Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1957.

BROWN, C. A., Administrative Assistant in charge of Instruction and Faculty Development, General Motors Institute, Flint, Mich. (*Member of Council, 1948–50; 1953–56; Vice President, 1956–58.*) 1931.

BROWN, CHARLES L., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1952.

BROWN, DALE H., Development Engineer, General Engineering Laboratory, General Electric Company, 1 River Road, Schenectady, N. Y. 1948.

BROWN, DONALD W., Assistant Ford Foundation Consultant, Hotel Metropole, Karachi, West Pakistan. 1954.

BROWN, EARL I., Assistant Dean of Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1948.

BROWN, EDWARD C., Professor of Mathematics, Worcester Polytechnic Institute, Worcester Mass. 1922.

BROWN, EDWARD S., Professor of Civil Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1937.

BROWN, ELLSWORTH A., JR., Instructor in Mechanical Engineering, Northwestern University, Evanston, Ill. 1956.

BROWN, ERNEST L., Assistant Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1956.

BROWN, F. L., Professor Emeritus of Applied Mechanics, University of Kansas, Lawrence, Kan. *Life Member.* 1915.

BROWN, FAYETTE J., Assistant Professor of Mechanical Engineering, Chico, State College, Chico, Calif. 1958.

BROWN, FRANCIS W., Associate Professor of Chemistry, Clarkson College of Technology, Potsdam, N. Y. 1950.

BROWN, FREDERICK L., Professor of Physics, University of Virginia, Charlottesville, Va. 1926.

BROWN, FRANK S., Training Representative, B. F. Goodrich Company, 500 South Main Street, Akron 18, Ohio. 1956.

BROWN, GEORGE M., Associate Professor of Chemical Engineering, and Science Engineering, Northwestern University, Evanston, Ill. 1953.

BROWN, GORDON S., Professor and Head, Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. *Seventh Recipient, George Westinghouse Award (1952).* 1946.

BROWN, H. C., President, Texas Trade School, Dallas, Tex. 1957.

BROWN, HAROLD H., Instructor, Central Technical Institute, Kansas City, Mo. 1955.

BROWN, HERBERT K., Senior Mathematician, AVCO Manufacturing Company, Brookline, Mass. 1948.

BROWN, HOWARD E., Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1954.

BROWN, IRA D., Business Methods Analyst, Engineering, E. I. du Pont de Nemours and Company, 102 McDaniel Avenue, McDaniel Crest, Wilmington 3, Del. 1950.

BROWN, J. MOREAU, Administrator of Corporate Support Program, Educational Relations, General Electric Company, 570 Lexington Ave., New York 22, N. Y. 1958.

BROWN, JACK C., Instructor in Technical Drawing, Illinois Institute of Technology, 3300 South Federal St., Chicago 16, Ill. 1957.

BROWN, JAMES E., Instructor in Civil Engineering, Villanova University, Villanova, Pa. 1957.

BROWN, JAMES H., Associate Professor of Engineering, University of Omaha, Omaha, Nebr. 1958.

BROWN, JAMES S., Professor and Head of Mechanical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

BROWN, JOHN L., JR., Associate Professor of Engineering Research, Pennsylvania State University, University Park, Pa. 1957.

BROWN, JOSEPH M., President, Structure Specialties, Inc., Santa Monica, Calif. 1949.

BROWN, JULIUS, Assistant in Electrical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1952.

BROWN, LELAND H., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1950.

BROWN, MARTIN R., JR., Assistant Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1954.

BROWN, OTTO G., Instructor in Mechanical Engineering, University of Texas, Austin, Texas. 1954.

BROWN, RICHARD W., Head, Industrial Electricity, Wentworth Institute, Boston, Mass. 1956.

BROWN, ROBERT Q., Professor of General Engineering, University of Washington, Seattle, Wash. 1941.

BROWN, SANBORN, Associate Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

BROWN, WALTER F., Professor and Head, Dept. of Electrical Engineering, University of Toledo, Toledo, Ohio. 1941.

BROWN, WAYNE S., Acting Assistant Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1954.

BROWN, WENTWORTH K., Assistant Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.

BROWN, WESLEY A., Lt., Assistant Construction Equipment Officer, Construction Equipment Department, U. S. Naval Construction Battalion Center, Davisville, R. I. 1956.

BROWN, WILLIAM A., Instructor in Civil Engineering, Manhattan College, New York, N. Y. 1956.

BROWN, WILLIAM E., Instructor in Engineering Drawing, Ohio State University, Columbus 10, Ohio. 1957.

BROWN, WILLIAM J., Instructor in General Engineering, Rutgers University, New Brunswick, N. J. 1948.

BROWNING, STANLEY C., Instructor in Mechanics, West Virginia University, Morgantown, W. Va. 1958.

BROWZIN, BORIS S., Associate Professor of Civil Engineering and Engineering Mechanics, Case Institute of Technology, Cleveland 6, Ohio. 1956.

BROXON, JAMES W., Chairman of Physics, University of Colorado, Boulder, Colo. 1945.

BRUBAKER, WM. F., Associate Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1924.

BRUCE, JAMES D., Associate Professor of Electrical Engineering and Physics, West Virginia Institute of Technology, Montgomery, W. Va. 1956.

BRUCE, JOHN P., Instructor in Pattern Making, Wentworth Institute, Boston, Mass. 1956.

BRUEHL, WILLIAM O., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1958.

BRUHN, ELMER F., Professor, Dept. of Aeronautics, Purdue University, Lafayette, Ind. 1943.

BRUNO, LAWRENCE A., Instructor in Mechanical Engineering, Michigan College of Mining and Technology, Sault Ste Marie, Mich. 1958.

BRUNS, JOE L., Lecturer, Drawing Department, University of Texas, Austin 5, Tex. 1955.

BRUSH, DON O., Group Engineer, Structures Department, Lockheed MSD, Palo Alto, Calif. 1954.

BRUST, ALVIN W., Professor of Civil Engineering, Washington University, Skinker & Lindell Buildings, St. Louis 5, Mo. 1941.

BRUZEWSKI, ROBERT F., Associate Professor of Mining Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

BRYAN, BILLY B., Associate Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1957.

BRYAN, COLGAN H., Professor and Head, Dept. of Aeronautical Engineering, University of Alabama, University, Ala. 1943.

BRYAN, JOHN L., Professor and Head of Fire Protection Curriculum, University of Maryland, College Park, Md. 1958.

BRYAN, WILLIAM L., Associate Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, O. 1956.

BRYANS, ANDREW E., Assistant Professor of Mathematics, Adelphi College, Garden City, N. Y. 1944.

BRYANS, WILLIAM R., Professor Emeritus of Mechanics, New York University, New York, N. Y. ***Life member.*** **1908.**

BRYANT, JOHN, President, The Pitman Publishing Corporation, 2 West 45th St., New York, N. Y. 1952.

BRYANT, JOHN M., Professor Emeritus of Electrical Engineering, University of Minnesota. (Home: **1606 Ridgeview Ave., Lancaster, Pa.**) (*Member of Council, 1927–30.*) 1910.

BRYANT, LOY Y., Registrar, Southern Technical Institute, Chamblee, Ga. 1957.

BRYANT, P. JOHN, Editor, *General Motors Engineering Journal,* General Motors Corporation, P.O. Box 177, North End Station, Detroit 2, Mich. 1955.

BRYANT, PAUL T., Assistant Editor, Engineering Experiment Station, University of Illinois, Urbana, Ill. 1958.

BRYANT, PAUL T., Assistant Editor, Engineering Experiment Station, University of Illinois, Urbana, Ill. (*Editor of Journal, 1958–.*) 1958.

BRYSON, ARTHUR E., JR., Associate Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. 1956.

BRYSON, WILLIAM C., Assistant Professor of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1958.

BUCH, WILLIAM G., Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1954.

BUCHANAN, JESSE E., President, The Asphalt Institute, University of Maryland, College Park, Md. 1927

BUCHBERG, HARRY, Associate Professor of Engineering, University of California, Los Angeles, Calif. 1954.

BUCHBINDER, HAROLD G., Vice-President, Relyea Publishing Company, Editor "Research & Engineering" Magazine, Stamford, Conn. 1955.

BUCHER, PAUL, Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1920.

BUCHTA, J. WILLIAM, Professor of Physics, Associate Dean of Scientific Literature and Arts, University of Minnesota, Minneapolis, Minn. 1955.

BUCK, CARSON P., Professor and Head, Engineering Drawing, Syracuse University, Syracuse, 10, N. Y. 1939.

BUCK, N. LEWIS, Professor and Head, Dept. of Mechanical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1945.

BUCKHOLZ, WARREN L., Instructor, New York Graduate Engineering Training Center, Western Electric Company, Inc., 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

BUCKMAN, CARL J., Assistant Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

BUCKNALL, ERIC H., Visiting Professor of Mechanical Engineering, University of Texas, Austin, Tex. 1957.

BUCKY, PHILIP B., Professor of Mining and Executive Officer, Columbia University, New York 27, N. Y. 1940.

BUDENHOLZER, ROLAND A., Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

BUDINGTON, WILLIAM S., Associate Librarian, The John Crerar Library, 86 E. Randolph St., Chicago 1, Ill. 1949.

BUFFINGER, WILLIAM G., President, Pacific States University, Beverly Hills, Calif. 1956.

BUHL, HAROLD R., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1957.

BULLARD, JAMES A., Professor Emeritus of Mathematics and Mechanics, University of Vermont, Burlington, Vt. 1927.

BULLEN, CHARLES V., Professor and Head, Department of Electrical Engineering, Texas Technological College, Lubbock, Texas 1934.

BULLEN, PAUL W., Assistant Professor of Engineering Graphics, University of Minnesota, Minneapolis 14, Minn. 1945.

BULLINGER, CLARENCE E., Professor of Industrial Engineering, Iowa State College, Ames, Iowa. 1925.

BULLINGTON, JOHN A., Instructor in Civil Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1957.

BULLIS, WILLIAM R., Electrical Engineer in Testing, Naval Ordnance Test Station, China Lake, Cal.; Instructor in Engineering, Hartnell College, Salinas, Cal. 1956.

BULLOCK, ROBERTS C., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1937.

BULLOCK, RUPERT E., Assistant Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1955.

BUNTING, JOSEPH W., Professor and Head, Dept. of Mechanical Engineering, University of Cincinnati, Cincinnati, Ohio. 1946.

BURCHINAL, JERRY C., Assistant Professor of Civil Engineering, West Virginia University, Morgantown, W. Va. 1956.

BURCKEL, CHRISTIAN E., Publisher, The College Blue Book, Yonkers, N. Y. 1957.

BURDELL, EDWIN S., President, Cooper Union, New York 3, N. Y. (***Member of Council, 1946–49.***) **1937.**

BURDEN, HARRY P., 17 Latin Way, Tufts University, Medford 55, Mass. 1921.

BURDICK, GERALD F., Assistant Professor of Engineering, Drawing, Alfred University, Alfred, N. Y. 1948.

BURG, WALTER V., Professor of Chemical Engineering, University of Toledo, Toledo 6, Ohio. 1944.

BURGER, WILLIAM, Dean of Students, Colorado School of Mines, Golden, Colo. 1956.

BURGERS, JOHANNES M., Research Professor, Institute for Fluid Dynamics, University of Maryland, College Park, Md. 1958.

Burgess, Archie R., Head of Industrial Engineering, Agriculture and Mechanics College of Texas, College Station, Tex. 1948.

Burgess, John C., Mechanical Engineer, Stanford Research Institute, Menlo Park, Calif. 1947.

Burgess, Stanley W., Associate Professor of Mechanical Engineering, The City College of New York, New York, N. Y. 1953.

Burgoyne, Caleb B., Assistant Professor of Mechanical Engineering, Mississippi State University, State College, Miss. 1956.

Burington, Richard S., Director, Evaluation and Analysis Group, Chief Mathematician, Res. & Dev. Div., Bureau of Ordnance, Navy Dept., Washington, D. C. (*Member of Council, 1955–57.*) 1934.

Burke, Patrick E., Lecturer in E.E., University of Toronto, Toronto, Ontario, Canada. 1955.

Burke, Thomas A., Director of Engineering, Merrimack College, North Andover, Mass. 1957.

Burke, William C., Director of Veterans Affairs, Lawrence Institute of Technology, Detroit, Michigan. 1951.

Burlage, Henry, Jr., Associate Professor of Aeronautical Engineering, Director of Propulsion Laboratory, Case Institute of Technology, Cleveland, Ohio. 1949.

Burley, William M., Jr., Instructor in Mechanical Engineering, Kansas State College, Manhattan, Kan. 1958.

Burmister, Donald M., Professor of Civil Engineering, Columbia University, New York N. Y. 1935.

Burner, Charles, E., Lt. Col., Signal Corps, Head, Military Science Department, Worcester Polytechnic Institute, Worcester, Mass. 1956.

Burnet, George, Jr., Professor of Chemical Engineering, Iowa State College, Ames, Ia. 1958.

Burnett, James R., Associate Manager, Computers and Controls Department, Ramo Wooldridge Corporation, 5730 Arbor Vitae, Los Angeles 45, Calif. 1954.

Burnett, James R., Assistant Professor of Engineering Drawing, Michigan State University, East Lansing, Mich. 1948.

Burnham, George H., Associate Professor of Physics, Norwich University, Northfield, Vt. 1952.

Burnham, Marvin W., Mechanical Engineering, University of Denver, Denver, Colo. 1955.

Burns, Frank J., Chairman of Engineering Drawing, Newark College of Engineering, Newark, N. J. 1952.

Burns, John L., Instructor in Industrial Engineering, University of Florida, Gainesville, Fla. 1957.

Burns, R. K., Education Director, Personnel Relations, Delco Products Division, Dayton, Ohio. 1956.

Burns, Richard L., Instructor in Engineering Drawing, Missouri School of Mines, Rolla, Mo. 1957.

Burns, Stanley S., Director, Research and Development, Marathon Electric Manufacturing Corp., Wausau, Wisc. 1950.

Burns, William A., Manager, Personnel Division, Hanford Atomic Product Operation, General Electric Company, Richland, Wash. 1957.

Burr, Arthur A., Professor and Head of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Burr, Arthur H., Professor and Head, Dept. of Machine Design, Cornell University, Ithaca, N. Y. 1941.

Burr, Edward E., Assistant Professor of Art and Architecture, University of Illinois (Navy Pier), Chicago, Ill. 1953.

Burrell, Montrust Q., Jr., Instructor in Mechanical Engineering, Prairie View A. & M. College, Prairie View, Tex. 1957.

Burrill, Charles M., Research Engineer, Astro-Electronic Products Division, Radio Corporation of America, David Sarnoff Research Center, Princeton, N. J. 1948.

Burrill, Claude W., Assistant Professor of Mathematics, New York University, New York, N. Y. 1954.

Burris, Conrad T., Instructor in Chemistry, Manhattan College, New York, N. Y. 1957.

Burroughs, Frederick D., Educational Director, Utilities Engineering Institute, Chicago, Ill. 1943.

Burroughs, Kenneth L., Director, Aeronautical University, A.L.P.A. Bldg., 55th and Cicero, Chicago 38, Ill. 1947.

Burroughs, Robert E., Director, University of Michigan Research Institute, University of Michigan, Ann Arbor, Mich. 1957.

Bursik, Joseph W., Assistant Professor of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Burstein, Samuel Z., Teaching Fellow in Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1958.

Burt, Frederick C., Instructor in English, Newark Colege of Engineering, Newark 2, N. J. 1953.

Burton, Bruce E., Instructor in Mechanical Engineering, Ohio Northern University, Ada, Ohio. 1958.

Burton, Robert E., Manager, Control Division, Engineering Department, E. I. du Pont de Nemours & Company, Wilmington 98, Del. 1952.

Burton, Robert M., Engineering Drawing, General Motors Institute, Flint, Mich. 1956.

Burton, Wendel W., Employment Manager, Minnesota Mining & Manufacturing Co., 900 Fairquier Street, St. Paul 6, Minn. 1947.

Bush, Albert F., Associate Professor of Engineering, University of California, Los Angeles, Calif. 1949.

Bush, Burl H., Commander, San Francisco Naval Shipyard, San Francisco, Cal. 1954.

Bush, Vannevar, Massachusetts Institute of Technology, Cambridge 39, Mass. (Home address: 304 Marsh Street, Belmont 78, Mass.) (*Twenty-Eighth Recipient Lamme Medal, 1955.*) 1923.

Bussell, Bertram, Assistant Research Engineer, University of California, Los Angeles, Calif. 1954.

Buthod, Arthur P., Head of Chemical and Petroleum Refinery Engineering, University of Tulsa, Tulsa, Okla. 1953.

Butler, Earle H., Assistant Professor of Industrial Engineering, University of Wichita, Wichita, Kan. 1958.

Butler, Edward W., Vice President, Sales, Speer Carbon Company, St. Marys, Pa. 1951.

Butler, G. M., Dean Emeritus, College of Engineering, University of Arizona, Tucson, Ariz. (Home Address: 1147 South Van Ness Ave, Santa Ana, Calif.) (*Member of Council, 1924–27.*) *Life Member.* 1916.

Butler, Harold T., Instructor in Management, Economics, History, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Butler, Howard W., Professor of Mechanical Engineering, Hartford Graduate Center, Rensselaer Polytechnic Institute, East Windsor Hill, Conn. 1948.

Butler, John H., R. R. #1, Winchester, Ky. 1935.

Butler, Stanley S., Associate Professor of Civil and General Engineering, University of Southern California, Los Angeles, Calif. 1949.

Butts, Allison, Professor Emeritus of Metallurgy, Lehigh University, Bethlehem, Pa. 1934.

Buxton, Albert C., 2190 Lynn Drive, Akron, O. 1952.

Buxton, Owen E., Jr., Assistant Professor of Mechanical Engineering, Ohio State University, Columbus, Ohio. 1955.

Buzzell, James C., Jr., Instructor in Engineering Graphics, University of Maine, Orono, Me. 1957.

Byards, Edward F., Department of Mechanics, Clemson College, Clemson, S. C. 1950.

BYARS, EDWARD F., Associate Professor of Engineering Mechanics, Clemson College, Clemson, S. C. 1950.

BYERS, G. C., Assistant Professor of Mathematics, Michigan College of Mining and Technology, Houghton, Mich. 1957.

BYERS, ROLAND O., Associate Professor and Chairman of Engineering Drawing, University of Idaho, Moscow, Idaho. 1955.

BYRNE, JOHN E., Vice President and General Manager, California Air College, Division of Central Technical Institute, Kansas City, Mo. 1957.

BYRNE, SYDNER H., Assistant Dean of Engineering and Architecture, Virginia Polytechnic Institute, Blacksburg, Va. 1956.

BYRNE, WILLIAM E., Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1945.

CADDESS, JAMES H., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas. 1948.

CAGNONI, G. JAMES, Assistant Professor, Newark College of Engineering, Newark, N. J. 1948.

CAHN, CHARLES R., Technical Staff Member, Communications Division, Ramo-Wooldridge Corporation, Hawthorne, Calif. 1955.

CAIN, FRANK J., 214 West 92 St., New York 25, N. Y. 1957.

CAIN, JOHN L., Director, Cooperative Progress, Virginia Polytechnic Institute, Blacksburg, Va. 1957.

CAIN, ROBERT W., Project Director, Scientific Manpower, National Science Foundation, Washington, D. C. 1956.

CAIRNS, FRANK A., Industrial Coordinator, University of Detroit, Detroit, Mich. 1958.

CAIRNS, JAMES R., Instructor in Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1958.

CALABRESE, GIUSEPPE O., Professor of Electrical Engineering, New York University, New York, N. Y. 1948.

CALCOTE, LEE R., Associate Professor of Engineering, Arlington State College, Arlington, Tex. 1958.

CALDARIO, EDWARD J., Instructor in General Engineering, University of Illinois, Navy Pier, Chicago, Ill. 1953.

CALDIERO, FRANK M., Assistant Professor of English Humanities Dept., The Cooper Union, New York, N. Y. 1949.

CALDWELL, JAMES W., Associate Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1953.

CALENDER, H. L., Assistant Professor of General Engineering, Rutgers University, New Brunswick, N. J. 1952.

CALHOUN, JOHN C., JR., Vice President for Engineering, Texas A. & M. College, College Station, Tex. 1949.

CALHOUN, JOHN D., Associate Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1956.

CALKIN, JOHN B., President, Calkin and Bailey, Incorporated, New York, N. Y. 1950.

CALKINS, JAY, Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1957.

CALLAHAN, CHARLES J., Instructor in Mathematics and Science, Lain Technical Institute, Indianapolis, Ind. 1957.

CALOR MOTA, C., Professor of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. 1925.

CALVERT, FLOYD O., Instructor in Mechanical Engineering, University of Oklahoma, Norman, Okla. 1957.

CALVERT, JOHN F., Professor and Head of Electrical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1937.

CAMARENA, ELIOT, Director, Escuela de Ingenieriá, Instituto Tecnologico de Monterrey, N. L., Mexico. 1950.

CAMBEL, ALI B., Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1948.

CAMBRE, ROLAND J., Professor and Head of General Engineering, Southwestern Louisiana Institute, Lafayette, La. 1947.

CAMERON, CHARLES F., Professor of Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1945.

CAMPBELL, ASHLEY S., Dean of Engineering, Tufts University, Robinson Hall, Medford 55, Mass. 1950.

CAMPBELL, BONHAM, Associate Professor of Engineering, University of California, Los Angeles, Calif. 1951.

CAMPBELL, FRANK R., Associate Professor of Mechanical Engineering, Colorado School of Mines, Golden, Colo. 1947.

CAMPBELL, GEORGE F., Owner, George F. Campbell, Consulting Engineer, 323 West Murdock, Wichita 5, Kan. 1956.

CAMPBELL, HENRY, Professor and Head of Civil Engineering, University of Rhode Island, Kingston, R. I. 1952.

CAMPBELL, JAMES S., Associate Professor of Industrial Engineering, University of California, Berkeley, Cal. 1948.

CAMPBELL, JESSE M., Professor of Mechanical Engineering and Supt., Power Plant, Michigan State University, East Lansing, Mich. 1931.

CAMPBELL, JOHN S., Professor of Electrical Engineering, California State Polytechnic, Pomona, Calif. 1942.

CAMPBELL, R. GORDON, Professor of Aeronautical Engineering, Hartford Graduate Center, Rensselaer Polytechnic Institute, East Windsor Hill, Conn. 1952.

CAMPBELL, ROBERT H., JR., Assistant Professor of Ceramic Engineering, University of Washington, Seattle, Wash. 1956.

CAMPBELL, ROBERT M., Professor and Chairman of Ceramic Engineering, Alfred University, Alfred, N. Y. (*Member of Council, 1956–58.*) 1937.

CAMPBELL, THOMAS H., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1949.

CANADY, EMMETT J., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1953.

CANAN, SAMUEL W., Assistant Professor of Engineering, Pennsylvania State University Center, Altoona, Pa. 1948.

CANAVACIOL, FRANK E., Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1928.

CANDEE, FRANK W., Associate Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1924.

CANFIELD, DONALD T., Professor of Electrical Engineering and Administrative Assistant to the Head of Electrical Engineering School, Purdue University, Lafayette, Ind. 1925.

CANJAR, LAWRENCE N., Associate Professor of Chemical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1952.

CANNON, JOHN N., Assistant Professor of Mechanical Engineering Science, Brigham Young University, Provo, Utah. 1957.

CANNON, MICHAEL R., Professor of Chemical Engineering, Pennsylvania State University, University Park, Pa. 1955.

CANNON, WALTON W., Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1952.

CANTERBURY, SAMUEL L., Dean of Engineering, Kilgore College, Kilgore, Texas. 1943.

CANTLUPE, VICTOR J., 145 Bergen Ave., North Arlington, N. J. 1949.

CAPECELATRO, ACHILLE, Executive Associate, Physics, Newark College of Engineering, Newark, N. J. 1953.

CAPEK, FRANK J., Instructor in Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

CAPELLE, RECTEUR J., Institute National Des Sciences Appliques, 20 Chemin de la Dona 20 Villeurbanne (Rhone) France. 1957.

CAPP, MARTIN P., Chairman of Engineering, San Diego State College, San Diego, Cal. (*Member of Council, 1950–52.*) 1948.

CAPURO, ALBERT D., Director of Admissions Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1948.

CARBON, MAX W., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1958.

CARDIN, C. J., Professor and Head, Dept. of General Engineering, North Central College, Naperville, Ill. 1937.

CARDOSO, ANTONIO C., Assistant Professor of Electrical Engineering, University of S. Paulo, S. Paulo, Brasil, S. A. *Life member.* 1935.

CAREW, STANLEY J., Dean of the Faculty of Applied Science, Memorial University of Newfoundland, St. John's, Newfoundland, Canada. 1958.

CAREY, JOHN J., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

CARGNINO, LAWRENCE T., Assistant Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1958.

CARIDDI, JAMES G., Instructor in Engineering and Mathematics, Kansas City Missouri Junior College, Kansas City, Mo. 1957.

CARLETON, WALTER M., Assistant Chief, Agricultural Engineering Research Division, United States Department of Agriculture, Beltsville, Md. 1950.

CARLSON, ALAN M., Instructor in Chemical Engineering, The University of Tennessee, Knoxville, Tenn. 1958.

CARLSON, ARVID W., Associate Professor of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

CARLSON, C. I., Professor and Head, Dept. of General Engineering, University of Illinois, Navy Pier, Chicago, Ill. 1947.

CARLSON, DALE A., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1956.

CARLSON, DE VON M., Associate Professor of Architecture, University of Colorado, Boulder, Colo. 1944.

CARLSON, H. MAURICE, Professor and Head of Mechanical Engineering, Lafayette College, Easton, Pa. 1957.

CARLSON, ROBERT L., Instructor in Engineering Drawing, General Motors Institute, Flint 2, Mich. 1956.

CARLSON, WALTER W., Professor Emeritus, Industrial Engineering and Industrial Arts, Kansas State College, Manhattan, Kans. (*Life member.*) 1912.

CARLSTONE, PAUL A., Staff Assistant, Education and Personnel, International Harvester Company, 180 North Michigan Avenue, Chicago 1, Ill. 1949.

CARLTON, ERNEST W., Chairman, Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1949.

CARLTON, LEMUAL D., Dean of Admissions, Embry-Riddle Aeronautical Institute, Miami, Fla. 1957.

CARMICHAEL, COLIN, Editor, *Machine Design*, Penton Pub. Co., Cleveland, Ohio. 1934.

CARMICHAEL, WILLIAM L., Registrar, Ga. Institute of Technology, Atlanta, Georgia. 1953.

CARNAHAN, F. L., Acting Head of Chemical Engineering, Pennsylvania State University, University Park, Pa. 1953.

CARNEY, CHARLES J., JR., Managing Director, Society of Industrial Packaging and Materials Handling Engineers, Chicago 4, Ill. 1953.

CARNEY, BROTHER J. GEORGE, Chairman, Physics Department, St. Mary's College, Winona, Minn. 1957.

CAROLTHERS, FRED L., Division Engineer, Chicago Bridge and Iron Company, Birmingham, Ala. 1956.

CARPENTER, HOWARD J., Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

CARPENTER, JAMES H., Director, Engineering Training, Carrier Corporation, Syracuse, N. Y. 1949.

CARPENTER, MORRIS T., Administrative Director, Whiting Laboratories Research Department, Standard Oil Company of Indiana, 910 South Michigan, Chicago 80, Ill. 1949.

CARPENTER, SAMUEL T., Professor and Chairman, Dept. of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1936.

CARR, CHARLES R., Associate Professor of Mathematics, Indiana Technical College, Fort Wayne, Ind. 1957.

CARR, CLIFFORD C., Professor and Chairman, Dept. of Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1926.

CARR, T. DEWITT, Consultant, University of Kansas Research Foundation, University of Kansas, Lawrence, Kan. 1947.

CARRAGAN, GEORGE H., Professor and Head, Dept. of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

CARROLL, FRANK T., JR., Director of University College, Associate Professor of Mechanical Engineering, Louisiana State University, Baton Rouge, La. 1953.

CARROLL, GEORGE L., Dean of Basic Studies, Southern Technical Institute, Chamblee, Ga. 1957.

CARROLL, J. RAYMOND, Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1956.

CARROLL, PENN L., Assistant to the President, Instituto Tecnologico de Monterrey, Monterrey, N. L., Secursal de Carreos "J," Mexico. 1950.

CARROLL, RAYMOND E., Director of Engineering, Industry Program of the College, University of Michigan, Ann Arbor, Mich. 1958.

CARRON, THEODORE J., Assistant Director and Services Administration, Ethyl Corporation, Ferndale, Detroit 20, Mich. 1958.

CARSON, ARTHUR M., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

CARSON, GORDON B., Vice President and Director of the Engineering Experiment Station, Ohio State University, Columbus, Ohio. 1953.

CARSON, RALPH S., Chairman of Electronic Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

CARSON, ROBERT G., JR., Professor of Industrial Engineering and Director of Instruction, North Carolina State College, Raleigh, N. C. 1953.

CARSON, WILLIAM H., Dean, College of Engineering, University of Oklahoma, Norman, Okla. (*Member of Council, 1950–53.*) 1942.

CARSTENS, M. ROBERT, Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

CARTER, ARTHUR H., Associate Professor of Engineering Graphics, Purdue University, Lafayette, Ind. 1948.

CARTER, C. W., Assistant Professor of Drawing and Design, Clemson College, Clemson, S. D. 1953.

CARTER, DEANE G., Professor Emeritus of Agricultural Engineering, University of Illinois, Urbana, Ill. (Home address: 435 W. North St., Fayetteville, Ark.) 1947.

CARTER, RICHARD I., Instructor in Electrical Engineering, Northeastern University, Boston, Mass. 1953.

CARTER, ROBERT J., Assistant Professor of Electrical Engineering, State University of New York Agricultural and Technical Institute, Morrisville, N. Y. 1955.

CARTER, W. MERLE, Professor of Mechanical Engineering, University of Kentucky, Lexington, Ky. 1958.

CARTER, WILLIAM H., Professor of Agricultural Engineering, Louisiana State University, Baton Rouge, La. 1957.

CARTER, WILLIAM J., Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1953.

CARTLAND, FRED W., Lecturer in Electrical Engineering, Ohio University, Athens, O. 1956.

CARTWRIGHT, PAUL A., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1945.

CARVER, CHARLES E., JR., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1958.

CARVER, DALE R., Head of Engineering Mechanics, Louisiana State University, Baton Rouge, La. 1953.

CARVER, LLOYD A., Director, School of Industrial Arts, Trenton, N. J. 1946.

CARVIN, FRANK D., Director (Retired), Department of Mechanical Engineering, Illinois Institute of Technology, Chicago 16, Ill. (Home: P. O. Box 333, Summit, N. J.) (*Life Member, Member of Council 1948.*) 1925.

CARY, HOWARD B., Director, Hobard Brothers Technical School, Troy, Ohio. 1958.

CASAGRANDE, ARTHUR, Gordon McKay Professor of Soil Mechanics and Foundation Engineering, Graduate School of Engineering, Harvard University, Cambridge, Mass. 1935.

CASBERG, CARL H., Professor Emeritus of Mechanical Engineering, University of Illinois, Urbana, Ill. (Home: 2274 Tasso St., Palo Alto, Calif.) 1933.

CASE, EUGENE H., Director of College and University Relations, Deere and Company, 1325—3rd Avenue, Moline, Ill. 1955.

CASE, HARRY W., Professor of Engineering and Psychology, University of California, Los Angeles, Cal. 1947.

CASE, LLOYD N., Vice President and Dean of Men, Cogswell Polytechnical College, 3000 Folsom Street, San Francisco 10, Calif. 1955.

CASE, PAUL E., Staff Advisor, Training Department, Arabian American Oil Company, Dhahran, Saudi, Arabia. 1957.

CASEMAN, AUSTIN B., Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. (On leave: 35 Concord Ave., Belmont 78, Mass.) 1951.

CASEY, FRANK J., Instructor in Engineering Drawing, University of Colorado Extension Division, Denver, Colo. 1958.

CASHEN, WILLIAM R., Professor of Mathematics, University of Alaska, Box 421, College, Alaska. 1953.

CASHION, JAMES J., Assistant Professor of Engineering, State University of New York, Maritime College, New York 65, N. Y. 1954.

CASON, F. LYNN, Director, Placement Service for Men, Purdue University, Lafayette, Ind. 1947.

CASON, JOHN H., Head, Division of Physical Sciences and Engineering, Pueblo College, Pueblo, Colo. 1958.

CASSELL, WALLACE L., Professor of Electrical Engineering, Iowa State College, Ames, Iowa. 1939.

CASSIDY, JOHN F., Instructor in Engineering, Everett Junior College, Everett, Wash. 1958.

CASSINIS, GINO, Directore del Politechnico di Milano, Milan, Italy. 1947.

CASTELLAN, NORMAN J., Associate Professor of Civil Engineering, Sacramento State College, Sacramento, Calif. 1957.

CASTELLANOS, LEO J., Professor of Mechanical Engineering, University of Houston, Houston, Tex. 1949.

CASTLE, DREW W., Instructor, Engineering Department, Joliet Junior College, Joliet, Ill. 1949.

CASTLEMAN, JOHN R., Professor and Head, Dept. of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1930.

CASTONGUAY, THOMAS T., Professor and Chairman Dept. of Chemical Engineering, University of New Mexico, Albuquerque, N. M. 1945.

CATHER, CARL H., Professor and Head, Dept. of Mechanics, West Virginia University, Morgantown, W. Va. 1936.

CATHER, HAROLD M., Professor and Head, Dept. of Mechanical Engineering, West Virginia University, Morgantown, W. Va. 1937.

CATLIN, AVERY, Assistant Professor of Electrical Engineering, University of Virginia, Charlottesville, Va. 1957.

CATLIN, HERBERT P., Head, Dept. of Student Aid, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

CAUDLE, RODNEY D., Assistant Professor of Mining Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

CAUGHEY, R. A., Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1911.

CAUSEY, MALCOLM L., JR., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1957.

CAVALCONTE, CHARLES C., Senior Research Engineer, Republic Aviation, Farmingdale, N. J. 1953.

CAVANAGH, GERALD F., Graduate Student, St. Louis University, St. Louis 8, Missouri. 1958.

CAVANAUGH, WILLIAM T., Executive Secretary, Engineers Joint Council, New York, N. Y. 1956.

CAVENY, CHARLES C., Executive Dean, University of Illinois, Navy Pier, Chicago, Ill. 1953.

CAVERLEY, LOYST C., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1927.

CEAGLSKE, NORMAN H., Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1944.

CEBULA, RICHARD S., Head of Civil Engineering and Dean of Instruction, St. Martin's College, Olympia, Wash. 1951.

CEHRS, CHARLES H., Associate Professor and Chairman of Engineering Department, Fresno State College, Fresno 26, Calif. 1948.

CELIS, ANTONIO J., Assistant Professor of Civil Engineering, University of Alberta, Edmonton, Alberta, Canada. 1956.

CELL, JOHN W., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1936.

CENKO, STEPHEN, Head of Mechanical Engineering Laboratory Section, General Motors Institute, Flint, Mich. 1953.

CERMAK, JACK E., Associate Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1949.

CESSNA, S. ROGER, Small Industrial Capacitor, Product Engineer and Technical Personnel Representative, General Electric Company, Fort Edward, N. Y. 1954.

CETRA, MAURO A., Assistant Professor of Civil Engineering, New York University, New York, N. Y. 1957.

CHACEY, LLOYD A., Executive Secretary, The Ohio Society of Professional Engineers, Columbus 15, Ohio. 1952.

CHAIKIN, PHILIP, Assistant Professor in Mechanical Engineering, Polytechnic Institute of Brooklyn, N. Y. 1950.

CHALK, WILLIAM S., Acting Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

CHALLENDER, RALPH C., 1429 South Fifth Avenue, Bozeman, Mont. 1955.

CHAMBERLAIN, HAROLD N., Director, Personnel Testing Laboratory, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

CHAMBERLAIN, JOS. J., Professor of Civil Engineering, University of Dayton, Dayton, Ohio. 1940.

CHAMBERLAIN, MARGUERITE, Science Librarian, Massachusetts Institute of Technology, Cambridge, Mass. 1941.

CHAMBERLIN, STEPHEN J., Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1935.

CHAMBERS, ALBERT G., Lecturer, Engineering Drawing, University of Wichita, Wichita, Kans. 1955.

CHAMBERS, ALVIN L., Associate Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1938.

CHAMBERS, CARL C., Vice-President for Engineering Affairs, Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1943.

CHAMBERS, WILBUR W., Instructor in Mathematics, Purdue University Extension, Indianapolis, Ind. 1948.

CHAMEIDES, M., Assistant Professor of Electrical Engineering, City College of New York, New York, N. Y. 1952.

CHANCE, CLAYTON W., Assistant Professor of Drawing, University of Texas, Austin, Tex. 1953.

CHANCE, WILLIAM W., Associate Professor of Humanities and Social Studies, The Montana School of Mines, Butte, Mont. 1957.

CHANDIRAMANI, ARJANDAS B., Educational Attache, Embassy of India, 2107 Massachusetts Avenue, N.W., Washington 8, D. C. 1958.

CHANDLER, ALFRED D., JR., Assistant Professor of History and Humanities, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

CHANDLER, HENRY M., JR., Assistant Professor of Electrical Engineering, Princeton University, Princeton, N. J. 1957.

CHANEY, NATHAN H., Instructor in Electrical Engineering, Denver University, Denver, Colo. 1958.

CHANG, SHELDON SHOU-LIEN, Associate Professor of Electrical Engineering, New York University, New York, N. Y. 1953.

CHANGARIS, JAMES S., Instructor, New York Graduate Engineering Training Center, Western Electric Company, Inc., 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

CHAO, BEI-TSE, Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

CHAPEL, RAYMOND E., Assistant Professor of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1947.

CHAPIN, LLOYD W., Regents Professor of English, Georgia Institute of Technology, Atlanta, Ga. 1946.

CHAPIN, RICHARD E., Associate Librarian, Michigan State University, East Lansing, Mich. 1956.

CHAPITIS, WILLIAM J., Assistant Professor of English and Modern Foreign Languages, Colorado School of Mines, Golden, Colo. 1952.

CHAPMAN, ALAN J., Chairman of Mechanical Engineering, Rice Institute, Houston, Tex. 1947.

CHAPMAN, BEN R., Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1956.

CHAPMAN, C. ROBERT, Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1949.

CHAPMAN, EDWARD A., Librarian, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

CHAPMAN, HARMON, M., Director of General Studies, New York University, New York, N. Y. 1954.

CHAPMAN, HARRISON, Head, Dept. of Chemical Engineering, Royal Melbourne Technical College, Melbourne, Victoria, Australia. 1948.

CHAPMAN, JOSEPH E., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1958.

CHAPMAN, RAY L., Associate Professor of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1958.

CHAPMAN, ROBERT G., Chief Engineer, Door Division, International Steel Company, Evansville, Ind. 1939.

CHAPMAN, STUART W., Professor of Humanistic Social Studies and Executive Officer, College of Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1951–53.*) 1949.

CHARITON, NICHOLAS G., Instructor in General Engineering, University of Washington, Seattle, Wash. 1958.

CHARTON, MARVIN, Instructor of Chemistry, Pratt Institute, Brooklyn 1, New York. 1958.

CHASE, ARTHUR S., Associate Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1949.

CHASE, ELWYN F., Professor of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1948.

CHASE, EUGENE C., Design Engineer, Research Design Department, North American Aviation Company, Los Angeles, Calif. 1953.

CHASTON, A. NORTON, Instructor in Electrical Engineering, Brigham Young University, Provo, Utah. 1958.

CHEADLE, J. NORMAN, Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1947.

CHEEK, FRANK J., JR., Professor of Sanitary Engineering, University of Kentucky, Lexington, Ky. 1924.

CHELBERG, RAYMOND R., Associate Professor and Head of Chemistry, Michigan College of M. & T., Sault St. Marie, Mich. 1948.

CHEN, ALFRED T., Instructor in Mathematics, Speed Scientific School, University of Louisville, Louisville, Ky. 1957.

CHEN, GORDON K. C., Instructor in Electrical Engineering, Saint Louis University Institute of Technology, St. Louis 8, Mo. 1958.

CHEN, WAYNE H., Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1954.

CHENEA, PAUL F., Associate Dean of Engineering, Purdue University, Lafayette, Ind. (On leave of absence: Massachusetts Institute of Technology, Cambridge, Mass.) (*Member of Council 1958–.*) 1948.

CHENEY, LLOYD T., Associate Professor of Civil Engineering, Wayne State University, Detroit, Mich. 1946.

CHENG, DAVID K., Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1955.

CHERRY, CARLTON E., Head, Dept. of Engineering, College of Marin, Kentfield, Calif. 1930.

CHERRY, JESSE T., Instructor in Geophysics and Geophysical Engineering, St. Louis University, St. Louis, Mo. 1956.

CHERRY, LLOYD B., Professor & Head, Electrical Engineering Department, Lamar State College of Technology, Beaumont, Tex. 1951.

CHESIRE, ESTHER E., Senior Librarian, Carnegie Library of Pittsburgh, Pittsburgh, Pa. 1944.

CHESTNUT, D. LEE, Apparatus Sales Division, General Electric Company, 1 River Road, Schenectady, N. Y. 1946.

CHETRICK, M. H., Director of Industrial Research, University of Louisville, Louisville 8, Ky. 1946.

CHEVALIER, CHARLES E., Instructor of Mechanical Engineering, The Pennsylvania State University, University Park, Pa. 1958.

CHEW, WOODROW W., Professor and Head, Department of Chemical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

CHIABULLI, PETER, Professor and Chairman of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1957.

CHIERI, PERICLE A. C., Professor and Head, Dept. of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1947.

CHILDS, MORRIS E., Associate Professor of Mechanical Engineering, University of Washington, Seattle 5, Wash. 1955.

CHILDS, RALPH de S., Associate Professor of Humanities, The Cooper Union, New York, N. Y. 1956.

CHILDS, WYLIE J., Associate Professor of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

CHILINGAR, GEORGE V., Assistant Professor of Petroleum and General Engineering, University of Southern California, Los Angeles, Calif. 1958.

CHILTON, THOMAS H., Technical Director, Development Engineering Department, E. I. du Pont de Nemours & Company, Wilmington 98, Del. 1939.

CHINBURG, CARL H., Assistant Professor of Electrical Engineering, Colorado State University, Fort Collins, Colo. 1947.

CHINN, JAMES, Associate Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1952.

CHIPMAN, JOHN, Professor of Metallurgy, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

CHIPMAN, ROBERT A., Professor of Electrical Engineering, University of Toledo, Toledo, Ohio. 1957.

CHIRLIAN, PAUL M., Assistant Professor of Electrical Engineering, New York University, University Heights, New York 53, N. Y. 1952.

CHITTENDEN, HIRAM M., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1950.

CHITWOOD, PAUL H., Instructor in Electronics Technology, Oregon Technical Institute, Klamath Falls, Ore. 1958.

CHOATE, DAVID C., Chairman of Mechanical Engineering Technology, Ohio Mechanics Institute, Cincinnati, Ohio. 1956.

CHOI, HARRY Y., Assistant Professor of Mechanical Engineering, Tufts University, Medford, Mass. 1957.

CHOLET, BERTRAM, Vice-President, Higgins Ink Company, Inc., 271 Ninth St., Brooklyn, N. Y. 1954.

CHOPPESKY, (REV.) JOHN CORNELIUS, Acting Dean, Regent of Parks College, Saint Louis University, East St. Louis, Ill. 1955.

CHOVANES, EUGENE, Instructor in Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1956.

CHOW, WEN L., Research Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

CHRISTENSEN, GLENN J., Dean of College of Arts and Sciences and Professor of English, Lehigh University, Bethlehem, Pa. (*Member of Council 1958–.*) 1946.

CHRISTENSEN, HARVEY D., Head of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1954.

CHRISTENSEN, N. A., Director, School of Civil Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1954–.*) 1938.

CHRISTENSON, ROBERT J., Engineering Drawing, General Motors Institute, Flint, Mich. 1956.

CHRISTIANSEN, CARL R., Associate Professor of Mining Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

CHRISTIANSEN, E. B., Professor and Head, Dept. of Chemical Engineering, University of Utah, Salt Lake City, Utah. 1948.

CHRISTIANSEN, JERALD E., Visiting Professor of Civil Engineering, University of California, Davis, Calif. (On Leave of Absence, from Utah State University, Logan, Utah.) 1946.

CHRISTIANSON, LLOYD C., Professor of Engineering Drawing, Missouri School of Mines and Metallurgy, Rolla, Mo. 1954.

CHRISTIE, ALEXANDER G., Professor Emeritus of Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. *Twenty-first Recipient, Lamme Medal (1948). Life Member.* 1923.

CHRISTMAN, WEBSTER M., JR., Associate Professor and Chairman of Engineering Graphics, University of Wisconsin-Milwaukee, Milwaukee, Wis. 1947.

CHRISTOPHER, ROBERT A., Instructor in Mechanical Engineering, University of Colorado, Boulder, Colo. 1958.

CHU, JU C., Professor of Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1947.

CHU, KUANG-HAN, Associate Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1957.

CHU, TING YE, Associate Professor of Civil Engineering, New York University, New York 53, N. Y. 1954.

CHUMLEY, J. GALE, Associate Professor of General Engineering, Louisiana Technical Institute, Ruston, La. 1949.

CHURBUCK, LEWIS M., Chairman of the Board, Aeronautical University, Chicago, Ill. 1943.

CHURCH, AUSTIN H., Professor and Chairman, Dept. of Mechanical Engineering, New York University, New York, N. Y. 1940.

CHURCH, EDWIN F., Professor Emeritus of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. *Life Member.* 1910.

CHURCH, RANDOLPH, Professor and Chairman of Mathematics and Mechanics, U.S.N. Postgraduate School, Monterey, Calif. 1953.

CHURCHILL, STUART W., Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1952.

CHURCHILL, WESLEY H., Associate Professor of Manufacturing Processes, Wayne State University, Detroit 2, Mich. 1957.

CHUTE, GEORGE M., Professor of Electrical Engineering, University of Detroit, Detroit, Mich. 1952.

CIESLA, MATTHEW, Assistant Instructor in Physics, Newark College of Engineering, Newark, N. J. 1958.

CIPRIANO, WILLIAM, Instructor in Engineering, East Los Angeles Junior College, Los Angeles, Calif. 1954.

CLACK, ROBERT W., Instructor in Chemical Engineering, Kansas State College, Manhattan, Kan. 1958.

CLAFFEY, PAUL J., Associate Professor of Civil Engineering, Catholic University of America, 3132 16th Street, N.W., Washington 10, D. C. 1952.

CLAMONS, ERIC H., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1948.

CLANTON, JACK R., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1947.

CLARK, ADRIAN N., Vice President, and Editor D. Van Nostrand Co., 120 Alexander St., Princeton, N. J. 1941.

CLARK, ANDREW G., Dean of College, Professor of Mathematics, Colorado State University, Fort Collins, Colo. 1947.

CLARK, CLAYTON, Professor of Electrical Engineering, Utah State University, Logan, Utah. 1957.

CLARK, DAVID H., Instructor, American Technical Institute, Akron, Ohio. 1958.

CLARK, DAVID S., Professor of Mechanical Engineering, Personnel Rep., Purdue University, Lafayette, Ind. (*Member of Council, 1950–52.*) 1932.

CLARK, DONALD S., Professor of Mechanical Engineering, Director of Placement, California Institute of Technology, Pasadena, Calif. 1942.

CLARK, EDGAR C., Professor of Engineering Mechanics, The Ohio State University, Columbus, Ohio. (*Member of Council, 1949–51, 57–59.*) 1928.

CLARK, EDWIN E., Professor of Electrical Engineering, South Dakota School of Mines & Technology, Rapid City, S. D. 1922.

CLARK, GEORGE B., Chairman of Mining Engineering, Missouri School of Mines, Rolla, Mo. 1950.

CLARK, HERBERT M., Professor of Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y. 1951.

CLARK, JAMES C., Professor Emeritus of Electrical Engineering, University of Arizona, Tucson, Ariz. (*Life Member.*) 1912.

CLARK, JAMES GORDON, Partner, Clark, Daily & Dietz, Consulting Engineers, 211 North Race, Urbana, Ill. 1949.

CLARK, JOHN R., Principal Engineer, Advanced Development Department, Farnsworth Electronics Company, Fort Wayne, Ind. 1954.

CLARK, JOHN W., Professor of Civil Engineering, New Mexico College of A. & M., State College, N. M. 1954.

CLARK, LEROY W., William Howard Hart Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1922.

CLARK, LEWIS D., Professor of Mining and Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1953.

CLARK, LLEWELLYN E., Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1956.

CLARK, LYLE G., Professor of Mechanical Engineering and Acting Dean of Engineering, University of Delaware, Newark, Del. 1950.

CLARK, MARLYN E., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1951.

CLARK, THOMAS D., JR., Assistant Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1958.

CLARK, WILLIAM F., Instructor in Electrical Engineering, University of Detroit, Detroit, Mich. 1957.

CLARKE, CHARLES B., Associate Professor of Civil Engineering, University of Rhode Island, Kingston, R. I. 1951.

CLARKE, ELWYN L., Head Emeritus, Dept. of Civil Engineering, Clemson College, Clemson, S. C. *Life member.* 1921.

CLARKE, JAMES G., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1943.

CLARKE, RICHARD G., Chairman of Engineering Division, Hillyer College, Hartford, Conn. 1955.

CLAUSEN, JOHN N., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1954.

CLAYBAUGH, HOWARD S., Division Engineer, Drainage Dept., Armco Drainage & Metal Products Inc., 4345 Lyndale Ave., N., Minneapolis, Minn. 1947.

CLAYTON, LESLIE A., Project Engineer, c/o Boyle Engr., 3913 Ohio St., Room 200, San Diego 4, Calif. 1948.

CLAYTON, MAURICE H., Instructor in Engineering Mechanics, North Carolina State College, Raleigh, N. C. 1947.

CLEARY, JOHN J., Assistant Professor of Aeronautical Engineering, North Carolina State College, Raleigh, N. C. 1957.

CLEARY, STEPHEN F., Professor and Head of Engineering Drawing, Cornell University, Ithaca, N. Y. 1932.

CLEAVER, MAURICE, Personnel Supervisor, General Personnel, SW Bell Tel. Co., St. Louis 1, Missouri. 1953.

CLEETON, GLEN U., Dean, Div. Humanistic and Social Studies, Carnegie Institute of Technology, Pittsburgh, Pa. 1944.

CLEGG, CURTIS E., JR., Instructor in Engineering, Arlington State College, Arlington, Tex. 1957.

CLEGHORN, MARK P., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1910.

CLEMENT, WILLIAM D., Major, Assistant Professor of Mechanics, United States Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1947.

CLEMENTS, DONALD F., Instructor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950

CLEMENTS, S. EUGENE, Director, Planning Div., Office of Assistant Secretary of Defense, Washington 25, D. C. 1940.

CLEMENTS, TIMOTHY E., Associate Professor of Industrial Commerce, Milwaukee School of Engineering, Milwaukee, Wis. 1958.

CLEMENTSON, GERHARDT, C., Professor and Head of Aerodynamics, United States Air Force Academy, Lowry Air Force Base, Denver, Colo. 1956.

CLEMMER, GEORGE H., Assistant Manager, Goodyear Tire & Rubber Company, 1144 East Market Street, Akron 16, Ohio. 1952.

CLEVELAND, FRED W., JR., Assistant Professor of Industrial Engineering, Stevens Institute of Technology, Hoboken, N. J. 1956.

CLEVELAND, LAURENCE F., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1930.

CLIETT, CHARLES B., Professor of Aeronautical Engineering, Mississippi State University, State College, Miss. 1957.

CLIFFORD, GEORGE E., Assistant Professor of Mechanical Engineering, University of Maine, Orono, Me. 1956.

CLIFFORD, LLOYD E., Chairman of Engineering, Oakland Junior College, Oakland, Cal. 1955.

CLIFFORD, PETER C., Associate Professor of Construction Technology, State University of New York, Agricultural and Technical Institute, Delhi, N. Y. 1955.

CLIFFORD, WAYNE E., Engineering Personnel Manager, Airesearch Manufacturing Co., Los Angeles, Cal. 1956.

CLOCK, LOUIS S., Associate Professor of Applied Mechanics, University of Detroit, Detroit, Mich. 1948.

CLOKE, JOHN B., Professor and Head of Chemistry Department, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

CLOKE, PAUL, Dean Emeritus, College of Technology, University of Maine, Orono, Maine. (*Vice President, 1932–33; Member of Council, 1928–31.*) *Life Member.* 1919.

CLOTHIER, JOHN B., JR., Associate Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1947.

CLOTHIER, ROBERT F., Associate Professor of Engineering, San Jose State College, San Jose, Calif. 1956.

CLOUGH, RICHARD H., Associate Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1957.

CLOUSE, JOHN H., Dean Emeritus of Engineering, University of Miami, Coral Gables, Fla. (Home address: 111 Aledo Avenue, Coral Gables, Fla.) 1927.

CLOUSER, WILLIAM S., Assistant Professor of Mechanics, University of Wisconsin, Madison, Wis. 1958.

CLOWER, JAMES I., Assistant Dean of Engineering, University of Delaware, Newark, Del. 1937.

CLUTE, VERNON G., Instructor in Machine Shop and Mechanical Drawing, Hudson Valley Technical Institute, Troy, N. Y. 1955.

CLUTTER, ERIC S., Assistant Professor of Engineering, West Virginia Institute of Technology, Montgomery, W. Va. 1958.

CLYDE, CALVIN G., Assistant Professor of Civil Engineering, University of Utah, Salt Lake City, Utah. 1954.

COAN, JOHN M., Professor, Department of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1944.

COATES, JESSE, Professor and Head of Chemical Engineering, Louisiana State University, Baton Rouge, La. 1939.

COBB, ARNOLD C., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1957.

COBB, MCCREA H., Assistant to Director of Personnel, Hazeltine Corporation, Port Washington, N. Y. 1958.

COBB, PHIL R., Assistant Professor of Engineering; Engineering Science, Arizona State University, Tempe, Ariz. 1958.

COBB, PRUITT B., College Relations Representative, Chance Vought Aircraft, Dallas, Tex. 1958.

COBB, RICHARD N., Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1947.

COBINE, JAMES D., Research Physicist, General Electric Co., Research Laboratory, Schenectady, N. Y. 1938.

COBURN, THEODORE, University Relations and Recruitment, Ramo-Wooldridge Corporation, Los Angeles, Calif. 1925.

COCHRAN, JOHN R., Instructor in Chemical Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

COCHRAN, LYALL B., Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1948.

COCHRAN, STANLEY W., Manager Admission, Standards and Services, RCA, Camden, N. J. 1954.

COCHRUN, BASIL L., Assistant Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1958.

COCKE, RANDOLPH P., JR., Special Service Engineer, E. I. du Pont de Nemours Company, Waynesboro, Va. 1948.

COCKSHOTT, ALFRED H., Assistant Professor of Mathematics, Manhattan College, New York 71, N. Y. 1952.

CODER, CHARLES HESTIN, JR., Associate Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1954.

CODOLA, FRANK C., Assistant Professor of Drafting, City College of New York, New York, N. Y. 1958.

COE, EDWARD H., Associate Professor of Civil Engineering, University of Illinois, Navy Pier, Chicago 11, Ill. 1955.

COFFEEN, HALE L., Assistant Professor of Architectural Engineering, University of Texas, Austin, Tex. 1956.

COGAN, ISADORE, Associate Professor of Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1954.

COGBURN, CECIL O., Associate Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1950.

COHEN, RAYMOND, Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

COHN, GEORGE I., Professor of Electrical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1957.

COKE, JOHN M. Professor and Head, Dept. of Descriptive Geometry and Engineering Drawing, Colorado School of Mines, Golden, Colo. 1945.

COLBERT, JULES P., Dean, Division of Student Affairs and Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1935.

COLBY, HOWARD R., Assistant Professor of Mechanical and Industrial Engineering, University of Michigan, Ann Arbor, Mich. 1948.

COLBY, MALCOLM Y., Professor and Chairman of Physics, University of Texas, Austin, Texas. 1954.

COLCORD, J. E., JR., Associate Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1950.

COLE, DAVID H., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1946.

COLE, LARRY S., Professor and Head of Electrical Engineering, Utah State University, Logan, Utah. 1952.

COLEMAN, ARTHUR P., President, Alliance Technical Institute, Cambridge Springs, Pa. 1954.

COLEMAN, EDWARD P., Professor of Engineering, University of California, Los Angeles, Calif. 1954.

COLEMAN, HOWARD, Assistant Professor of Electrical Engineering, New Mexico Agriculture and Mechanics Arts, State College, N. M. 1958.

COLEMAN, J. BURGESS, Associate Professor of Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1951.

COLEMAN, JOHN D., Staff Engineer, Production Engineering, Frigidaire Division, 5715 Free Pike, Dayton 5, Ohio. 1953.

COLEMAN, RALPH M., Professor of Engineering Drawing, Texas Western, El Paso, Texas. 1948.

COLEMAN, THOMAS C., Assistant Professor of Civil Engineering, Northeastern University, Boston, Mass. 1955.

COLLAR, BURLYNN E., Engineering Examiner, Michigan Civil Service Commission, Lansing, Mich. 1956.

COLLESTER, CLINTON H., Head, Dept. of English, Franklin Technical Institute, 41 Berkeley St., Boston, Mass. 1948.

COLLIER, IRA L., Retired, Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. (Home address: 17705 88th Avenue, N.E., Bothell.) *Life Member.* 1924.

COLLINS, BASIL K., Associate Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1935.

COLLINS, HUBERT W., Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1948.

COLLINS, JAMES D., Instructor in Civil Engineering, Purdue University, West Lafayette, Ind. 1957.

COLLINS, ROBERT N., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wisconsin. 1958.

COLLINS, STEWART B., Assistant Director of Department of Industrial Coordination, Drexel Institute of Technology, Philadelphia, Pa. 1952.

COLLINS, W. LEIGHTON, Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1953– ; Secretary, 1955– .*) 1932.

COLVERT, WILLIAM W., Dean of Evening Division, Illinois Institute of Technology, 3300 Federal St., Chicago 16, Ill. 1935.

COLVIN, CHARLES H., President, Colvin Laboratories, Inc., 364 Glenwood Ave., East Orange, N. J. 1941.

COMBS, LEWIS B., Professor and Head of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

COMBS, RICHARD J., Assistant Director, Purdue University Center, Hammond, Ind. 1957.

COMER, DAVID B., III, Associate Professor of English, Georgia Institute of Technology, Atlanta, Ga. 1957.

COMER, JOHN W., Associate Professor of Civil Engineering, Oklahoma State University, Stillwater, Okla. 1953.

COMINGS, EDWARD W., Professor of Chemical Engineering and Head, School of Chemical and Metallurgical Engineering, Purdue University, Lafayette, Ind. 1951.

COMLY, SAMUEL P., Instructor in Electrical Engineering, Villanova University, Villanova, Pa. 1958.

COMO, JACK, Assistant Professor of Mechanical Engineering, New York University, New York, N. Y. 1955.

COMP, LAVERNE A., Professor and Head, Dept. of Aeronautical Engineering, University of Oklahoma, Norman, Okla. 1947.

COMPARIN, ROBERT A., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1958.

CONARD, GEORGE P., Associate Professor of Metallurgy, Director of Magnetic Materials Laboratory, Lehigh University, Bethlehem, Pa. 1955.

CONDIT, CARL W., Associate Professor of Humanities, Northwestern University, Evanston, Ill. 1949.

CONLEY, HUGH G., Associate Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1939.

CONLON, EMERSON W., General Manager, Turbomotor Division, Curtiss-Wright Corporation, Princeton, N. J. 1940.

CONNELL, CHARLES R., Assistant Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

CONNELL, J. BRIAN, Assistant Professor of Electrical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1952.

CONNELLY, DOUGLAS M., Instructor in Architecture and Engineering, West Contra Costa Junior College, San Pablo, Calif. 1953.

CONNER, CLINTON L., Assistant Dean of Engineering, University of Colorado, Extension Center, Denver, Colo. 1957.

CONNER, JOHNSON S., Associate Professor of Engineering Drawing, Louisiana State University, Baton Rouge, La. 1948.

CONNER, NORVAL W., Director, Department of Engineering Research, North Carolina State College, Raleigh, N. C. 1931.

CONNORS, JOHN F., Administrator, Engineering and Science Education, Industrial Relations, The Martin Co., Baltimore 3, Md. 1958.

Conover, Lawrence J., Professor and Head of Electrical Engineering, Lafayette College, Easton, Pa. 1942.

Conrad, Albert G., Chairman, Dept. of Electrical Engineering, Yale University, New Haven, Conn. (*Member of Council, 1948-50.*) 1929.

Conrad, Frank H., Professor of Chemical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1938.

Conrad, Lowell E., Professor Emeritus of Civil Engineering, Kansas State College, Manhattan, Kans. (*Vice President, 1940–41; Member of Council, 1931–34; 1946–49.*) *Life member.* 1908.

Conroy, Graham P., Laboratory Technician, Theoretical Physics Group, University of California, Radiation Laboratory, Berkeley, Calif. 1958.

Conroy, John J., Jr., Deputy Chief, Graduate Engineering Training Development, Western Electric Company, 195 Broadway, New York 7, N. Y. 1957.

Conta, Bartholomew J., Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1945.

Conta, Lewis D., Acting Dean and Professor of Mechanical Engineering, University of Rochester, River Campus Station, Rochester 20, N. Y. 1949.

Contini, Renato, Research Coordinator, Research Division, College of Engineering, New York University, New York, N. Y. (*Member of Council, 1957–.*) 1955.

Convers, Frederick L., Petroleum Engineer, Patent Department, Gulf Research and Development Co., P.O. Box 2038, Pittsburgh, Pa. 1952.

Conwell, William A., Vice President, Engineering and Construction Division, Duquesne Light Company, 4435 Sixth Avenue, Pittsburgh 19, Pa. 1949.

Coogan, Charles H., Jr., Professor and Head, Dept. of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1931.

Cook, Arthur L. (Retired), 14 Ashland, Worcester 9, Mass. (*Life Member.*) 1913.

Cook, David I., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1946.

Cook, Edward M., Associate Professor of Mathematics, Northeastern University, Boston, Mass. 1956.

Cook, Everett L., Assistant Professor of Aeronautical Engineering, University of Wichita, Wichita 14, Kans. 1955.

Cook, J. Stanley, Associate Professor of English, Supervisor of English Arts and Science Extension, Pennsylvania State University, University Park, Pa. 1954.

Cook, James C., Jr., Head of Mechanical Engineering, Clemson Agriculture and Mechanical College, Clemson, S. C. 1954.

Cook, Marsden A., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1945.

Cook, Ralph L., Professor of Ceramic Engineering, University of Illinois, Urbana, Ill. 1954.

Cook, Roy H., Professor and Head of Mathematics and Physics, Pratt Institute, Brooklyn 5, N. Y. 1958.

Cook, William H., Assistant Professor, Civil Engineering, Loyola University of Los Angles, Los Angeles, Calif. 1955.

Cooke, Henry C., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1940.

Cooke, Nelson M., Lt. Comdr., USN, Route No. 1, Vienna, Va. 1942.

Cooke, Stuart P., Associate Professor of Electrical Engineering, Director of Project Doan Brook, Case Institute of Technology, Cleveland, Ohio. 1939.

Cooley, Albert M., Professor and Head, Dept. of Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1935.

Cooley, Colvin C., Assistant Professor of Engineering Drawing, University of Detroit, Detroit, Mich. 1957.

Coombs, Leslie R., President, Bradford Durfee Technical Institute, Fall River, Mass. 1952.

Coonan, Fred L., Professor and Head, Dept. of Metallurgy and Chemistry, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

Coonley, Lewis S., Professor and Head, Dept. of Chemical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

Coons, Kenneth W., Professor and Head, Dept. of Chemical Engineering, University of Alabama, Tuscaloosa, Ala. 1939.

Coons, Maynard A., Litton Industries, 4900 Calvert Road, College Park, Md. 1957.

Coons, Steven A., Assistant Professor of Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1949.

Cooper, Albert H., Chairman of Chemical Engineering, Pratt Institute, Brooklyn 5, N. Y. 1936.

Cooper, Carroll W., Engineering Personnel Representative, Engineering Department, Convair-Fort Worth, Fort Worth, Tex. 1956.

Cooper, Charles D., Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio. 1942.

Cooper, Charles M., Director, Engineering Research Laboratory, E. I. du Pont de Nemours & Co., Wilmington 98, Del. 1949.

Cooper, George R., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

Cooper, James H., Associate Professor of Agricultural Engineering, MacDonald College, McGill University, St. Anne de Bellevue, Quebec, Canada. 1957.

Cooper, Noland T., Registrar, Fort Wayne Center, Purdue University, Ft. Wayne, Ind. 1955.

Coopey, Martin P., Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1943.

Coover, George B., Regional Manager, Engineering Recruiting, General Electric Company, 1 River Road, Schenectady, N. Y. 1956.

Coover, Mervin S., Administrative Assistant, Division of Engineering, Iowa State College, Ames, Iowa. 1923.

Cope, Joseph H., Associate Professor and Director, Engineering and Mining Experiment Station, South Dakota School of Mines and Technology, Rapid City, S. D. 1950.

Cope, Ralph L., Assistant Professor of Industrial Engineering, North Carolina State College, Raleigh, N. C. 1939.

Cope, William J., Professor and Chairman of Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1937.

Copeland, Alfred, Civil Engineer, 4458 South First Place, Arlington 4, Va. 1957.

Copeland, Paul L., Professor of Physics, Illinois Institute of Technology, Chicago, Ill. 1941.

Coppersmith, C. W., Associate Professor and Head (Retired), Dept. of Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. (Home: 932 Brunswick Rd., E. Cleveland 12.) *Life Member.* 1915.

Corba, Nicholas B., Assistant Professor of Engineering, University of Hawaii, Honolulu 14, Hawaii. 1957.

Corcoran, George F., Professor and Chairman, Dept. of Electrical Engineering, University of Maryland, College Park, Md. 1926.

Corcoran, William H., Vice President and Scientific Director, Don Baxter, Incorporated, 1015 Grandview Avenue, Glendale 1, Calif., Professor of Chemical Engineering, California Institute of Technology, Pasadena 4, Calif. 1956.

Cordua, Joaquin, Professor and Chief of the Electrotechnical Laboratory, University of Chile, Santiago, Chile. 1956.

COREY, HAROLD S., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1954.

CORKILL, PHILIP A., Assistant Professor of Architecture, University of Nebraska, Lincoln, Nebr. 1954.

CORLETT, ALBERT V., Professor and Head of Mining Engineering, Queens University, Kingston, Ontario, Canada. 1952.

CORNET, ISRAEL I., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

CORNWALL, RICHARD R., Chemical Engineering Department, University of Missouri, Columbia, Mo. 1951.

CORRIGAN, GLEN L., Research Engineer, Research and Technology Department, The Texas Company, Houston, Tex. 1949.

CORTEN, HERBERT T., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1950.

CORTRIGHT, DONALD N., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1951.

CORY, ARTHUR M., Associate Professor of English, Technical Reports Editor, Military Physics Research Laboratory, University of Texas, Austin, Tex. 1949.

CORY, WILLIAM L., Associate Professor of Mechanics, University of Oklahoma, Norman, Okla. 1949.

COSENS, KENNETH W., Associate Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1947.

COSSA, JOHN A., Dean of Student Personnel, Professor of Education, Manhattan College, New York, N. Y. 1949.

COSTA, ARMAND J., Assistant Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1957.

COTELLESSA, ROBERT F., Associate Professor of Electrical Engineering, College of Engineering, New York University, University Heights, New York 53, N. Y. 1956.

COTNER, WALTER W., Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

COTTER, JOHN B., Associate Professor of Mechanical Engineering, Catholic University of America, Washington, D. C. 1952.

COTTINGHAM, WILLARD S., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1937.

COTTOM, MELVIN CLYDE, Assistant Professor, Electrical Engineering, Kansas State College, Manhattan, Kansas. 1955.

COTTRELL, CASPER L., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

COUCH, J. H., Associate Professor of Industrial Engineering, Clemson College, Clemson, S. C. 1957.

COULL, JAMES, Professor and Head, Dept. of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1939.

COULTER, RICHARD G., Montrose, N. Y. 1953.

COUNSELL, ALDEN W., Assistant Professor of Mechanical Engineering, New Bedford Institute of Technology, New Bedford, Mass. 1958.

COUNTS, GERALD A., Professor of Physics and Chemistry, U. S. Military Academy, West Point, N. Y. 1950.

COURNYN, JOHN B., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1949.

COURTICE, HAROLD A., Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada. 1958.

COURTRIGHT, NELSON S., Assistant Director of Education, Bailey Meter Company, Cleveland, Ohio. 1953.

COVAN, JACK P., Professor of Industrial Engineering, Texas Agricultural and Mechanical College, College Station, Tex. 1939.

COVENTRY, NEIL M., Head of Engineering, Multnomah College, Portland, Ore. 1943.

COVER, GERALD M., Professor of Metallurgical Engineering, Case Institute of Technology, Cleveland, Ohio. 1939.

COVERT, RICHARD P., Instructor in Mechanical Engineering, State University of Iowa, Iowa City, Ia. 1958.

COVINGTON, BEVERLY J., Associate Professor of Civil Engineering, Louisiana State University, Baton Rouge, La. 1954.

COWIE, ALEXANDER, Lecturer in Mechanical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1933.

COWING, GUY R., President and Director, General Motors Institute, Flint, Mich. 1945.

COWLES, HAROLD A., Associate Professor of Industrial Engineering, Iowa State College, Ames, Iowa. 1951.

COWLES, RALPH G., Superintendent of English, Homer Territorial School, Homer, Alaska. 1952.

COWLES, WILLIAM H. H., Professor Emeritus of Mathematics, Pratt Institute, Brooklyn, N. Y. (Home Address: 83 Cornell Drive, Clark, N. J.) 1929.

COX, CYRUS W., Assistant Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1953.

COX, GEORGE B., Head, Industrial Engineering, Oregon State College, Corvallis, Ore. 1949.

COX, GLEN N., Professor and Chairman of Engineering Mechanics, New York University, New York 53, N. Y. (*Member of Council, 1955.*) 1935.

COX, JULIUS G., Associate Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1958.

COX, LEROY E., Instructor of General Engineering, Oregon State College, Corvallis, Ore. 1954.

COX, WILLIAM N., JR., Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1945.

COYLE, FRANK J., 23 S. Pearl Street, Albany, N. Y. 1951.

COYNE, MARTIN A., Personnel Manager, The M. W. Kellogg Company, New York, N. Y. 1954.

CRABTREE, KENNETH G., Professor of Electrical Engineering, University of Maine, Orono, Maine. 1942.

CRAFT, BENJAMIN C., Professor and Head of Petroleum Engineering, Louisiana State University, Baton Rouge, La. 1953.

CRAFTON, PAUL A., Associate Professor of Mechanical Engineering, The George Washington University, Washington, D. C. 1955.

CRAIG, EDWARD J., Associate Professor of Electrical Engineering, Union College, Schenectady, N. Y. 1954.

CRAIN, RICHARD W., SR., Associate Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

CRAINE, LLOYD B., Associate Electronics Engineer, Engineering Experiment Station, Washington State College, Pullman, Wash. 1952.

CRAMER, GLEN E., Assistant Professor of Engineering Drawing, University of Illinois, Chicago, Ill. 1949.

CRAMER, PAUL, Associate Professor of Mathematics and Engineering, Monmouth College, Monmouth, Ill. (Home: 1228 N. 25th St.) 1947.

CRANCH, EDMUND T., Professor and Head of Engineering Mechanics and Materials, Cornell University, Ithaca, N. Y. 1953.

CRANDALL, LEE W., Professor of Civil Engineering, University of Wisconsin, Madison 6, Wis. 1951.

CRANDALL, STEPHEN H., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

CRANE, EDWARD J., 414 Pine S.E., Apt. 3, Albuquerque, N. Mex. 1956.

CRANE, EDWARD M., President, D. Van Nostrand Co., 120 Alexander St., Princeton, N. J. 1944.

CRANK, ROBERT E., Assistant Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1951.

CRANMER, JOSEPH W., Assistant Professor of Chemical Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

Crary, James F., Assistant Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1953.

Crary, Selden B., Consultant, Analytical Engineering Section, General Electric Company, 1 River Road, Schenectady 5, N. Y. 1953.

Crater, Warren H., Associate Professor of English, Newark College of Engineering, Newark, N. J. 1952.

Craun, Horace D., Associate Professor of Electrical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

Crawford, Charles W., Associate Dean of Engineering, A. & M. College of Texas, College Station, Tex. 1923.

Crawford, Harry L., Resident Director and Professor of Physics, Michigan College of M. & T. Sault Ste. Marie, Mich. 1946.

Crawford, Ivan C., Director, Colorado Water Conservation Board, 15th St., Boulder, Colo., (*Member of Council, 1929–32; Vice President, 1936–37.*) 1913.

Crawford, John H., Dean of Engineering, Merrimack College, North Andover, Mass. 1951.

Crawford, Richard H., Associate Professor and Head of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1956.

Crawford, T. Stephen, Dean of Engineering, Director of Division of Engineering Research and Development, University of Rhode Island, Kingston, R. I. 1936.

Creager, P. S., Clemson College, Department of Electrical Engineering, Clemson, S. C. 1923.

Creamer, Walter J., Professor and Head, Dept. of Electrical Engineering, University of Maine, Orono, Maine. 1922.

Crede, Charles E., Associate Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1952.

Creech, Thomas F., Instructor in Applied Mechanics, Kansas State College, Manhattan, Kan. 1958.

Creek, Herbert L., Professor Emeritus of English, Purdue University, Lafayette, Ind. (Home: 230½ Littleton Street, West Lafayette, Ind.) (*Life Member.*) 1922.

Creese, James, President, Drexel Institute of Technology, Philadelphia, Pa. 1934.

Crenshaw, Clifton W., Assistant Professor of Engineering, Arlington State College, Arlington, Tex. 1957.

Creson, William K., Construction Engineer, Ross Gear and Tool Company, Incorporated, Lafayette, Ind. 1957.

Creutz, Edward C., Director of Laboratory for Pure and Applied Science, General Atomic Division, General Dynamics Corporation, San Diego, Calif. 1951.

Creveling, John H., Jr., Assistant Professor of Industrial Engineering, San Jose State College, San Jose, Calif. 1956.

Crew, William H., Assistant Director for Scientific Personnel, Los Alamos Scientific Laboratory, P. O. Box 1663, Los Alamos, N. M. 1946.

Cribbins, Paul D., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1958.

Crim, David M., Assistant Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1956.

Croeni, Jack G., Instructor in Mechanical Engineering, Oregon State College, Corvallis, Ore. 1957.

Croff, Howard L., Instructor in General Engineering, Oregon State College, Corvallis, Ore. 1957.

Croft, Huber O., Dean of Engineering, Director of Experimental Station, University of Missouri, Columbia, Mo. (*President, 1946–47; Member of Council, 1944–50.*) 1931.

Cromer, Orville C., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

Crompton, Richard H., Instructor in Electrical Engineering, University of Connecticut, Storrs, Conn. 1957.

Cromwell, Leslie, Head and Professor of Engineering, Los Angeles State College, Los Angeles 27, Calif. 1950.

Cromwell, Paul C., Professor and Head, Dept of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1935.

Cron, Robert E., Jr., Assistant Professor of Engineering, Arizona State College, Tempe, Ariz. 1958.

Cronin, James L., Jr., Associate Professor of Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

Cronin, Justin C., Chairman of the Department of Industrial Management, Boston College, Chestnut Hill 67, Mass. 1955.

Cronvich, James A., Professor and Head of Electrical Engineering, Tulane University, New Orleans, La. 1950.

Cropsey, Myron G., Associate Professor of Agricultural Engineering, Oregon State College, Corvallis, Ore. 1948.

Crosby, Herbert A., Associate Professor of Applied Science, Southern Illinois University, Carbondale, Ill. 1956.

Crosby, Howard A., Instructor in Electrical Engineering, University of Maine, Orono, Maine. 1948.

Crosen, Robert G., Professor of Chemistry, Abadan Institute of Technology, Abadan, Iran. 1948.

Crosier, Clayton M., Associate Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1948.

Crosland, Dorothy M., Director of Libraries, Georgia Institute of Technology, Atlanta, Ga. 1944.

Crosno, C. Donald, Professor of Electrical Engineering, New Mexico College of Agricultural and Mechanical Arts, State College, N. M. 1945.

Cross, Edward F., Professor and Head, Engineering Department, Walla Walla College, College Place, Wash. 1947.

Cross, Hardy, Professor and Chairman Emeritus of Civil Engineering, Yale University, New Haven, Conn. (Home: 207—78th Street, Virginia Beach, Va.) *Seventeenth Recipient, Lamme Medal (1944). Life Member.* 1912.

Cross, Lonnie, Georgia Institute of Technology, Atlanta, Ga. 1957.

Cross, Raymond E., Senior Engineer, A. T. Kearney and Company, 221 Elmore Street, Park Ridge, Ill. 1953.

Cross, Thomas, Jr., College Liaison, Employee Relations Department, Esso Research and Engineering Company, Linden, N. J. 1953.

Crosser, Orrin K., Assistant Professor of Chemical Engineering, University of Oklahoma, Norman, Okla. 1957.

Crossley, F. R. Erskine, Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1943.

Crossman, Ralph S., Assistant Professor Emeritus of General Engineering Drawing, University of Illinois, Urbana, Ill. *Life Member.* (Home: 95 Woolsey St., Huntington, L. I., N. Y.) 1919.

Crothers, H. M., Dean Emeritus, South Dakota State College, Brookings, S. D. (*Vice-President, 1944–46.*) 1923.

Crothers, Milton H., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1957.

Crouch, W. George, Chairman, Professor of English, University of Pittsburgh, Pittsburgh, Pa. 1940.

Crouse, Charles S., Head Emeritus of Mining and Metallurgical Engineering, University of Kentucky, Lexington, Ky. (Home: 120 Graham Avenue, Lexington, Ky.) 1951.

Crouse, William H., Editor-in-Chief, McGraw-Hill Encyclopedia of Science and Technology, Charlottesville, Va. 1943.

CROW, LEONARD R., President of Engineering Department, Universal Scientific Co., Vincennes, Ind. 1954.

CROWELL, WALTER S., JR., Coordinator of Personnel Procurement, Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. 1957.

CROWLEY, CLYDE A., Professor of Engineering, Arizona State College, Tempe, Ariz. 1958.

CRUM, FLOYD M., Professor of Electrical Engineering, Lamar State College of Technology, Beaumont, Texas. 1953.

CRUM, RALPH G., Department of Civil Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1957.

CRUMP, JOSEPH R., Professor and Chairman of Chemical Engineering University of Houston, Houston, Texas, 1949.

CSAKY, THADDEUS G., Associate Professor of Mechanical Engineering, University of Dayton, Dayton 9, Ohio. 1957.

CSANYI, LADIS H., Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1949.

CUDWORTH, JAMES R., Dean, College of Engineering, University of Alabama, University, Ala. 1934.

CUMBERLAND, ROBERT W., Associate Professor of English, The Cooper Union, New York, N. Y. 1944.

CUMMING, JOHN T., Chairman of Chemical Engineering and Chemistry, Fenn College, Cleveland, Ohio. 1954.

CUMMINGS, HAROLD N., 695 Grove St., Upper Montclair, N. J. 1930.

CUMMINGS, MARY H., Associate Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1953.

CUNNINGHAM, CHARLES W., Professor of Civil Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1936.

CUNNINGHAM, JOHN B., Professor of Metallurgy and Mining, University of Arizona, Tucson, Ariz. 1936.

CUNNINGHAM, WALTER J., Professor of Electrical Engineering, Yale University, New Haven, Conn. 1958.

CUNNINGHAM, WILLIAM A., Professor of Chemical Engineering, University of Texas, Austin, Tex. 1953.

CURL, GAROLD W., Staff Engineer, Engineering Department, Micro Gee Products, Incorporated, 11054 Wagner Street, Culver City, Calif. 1950.

CURRAN, (BROTHER) HENRY M., C.S.C., Associate Professor of Engineering, St. Edward's University, Austin, Tex. 1951.

CURRAN, T. BAILEY, Head of Chemistry and Metallurgy, Bridgeport Engineering Institute, Bridgeport, Conn. 1955.

CURRAN, THOMAS M., Professor of Naval Architecture, Webb Institute of Naval Architecture, Glen Cove, Long Island, N. Y. 1943.

CURRERI, JOHN R., Professor of Mechanical Engineering, Brooklyn Polytechnic Institute, 85 Livingston Street, Brooklyn, N. Y. 1954.

CURRIER, THORNTON H., Manager, Drafting and Art Products, Venus Pen and Pencil Corporation, Hoboken, N. J. 1958.

CURRY, THOMAS H., Associate Professor of Chemical Engineering, Ohio University, Athens, Ohio. 1957.

CURTIS, CARROLL A., Associate Professor of Mechanical Engineering, Chico State College, Chico, Calif. 1954.

CURTIS, FRANCIS J., Vice President and Director, Monsanto Chemical Company, 1700 South 2nd Street, St. Louis 4, Mo. 1949.

CURTIS, JAMES O., Assistant Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1956.

CURTIS, KENNETH S., Assistant Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1950.

CURTIS, ROBERT W., Instructor in Mechanical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1956.

CURTIS, ROZEL E., Manager, Personnel Development, General Electric Company, Richland, Wash. 1952.

CURTISS, ARTHUR N., General Manager, West Coast Electronic Products Department, Radio Corporation of America, Los Angeles, Calif. 1952.

CUSHING, ROBERT F., Director Training, Anal. and Development, Amarillo Air Force Base, Amarillo, Texas. 1950.

CUSHMAN, OTIS F., Associate Professor of Engineering Drawing, Northeastern University, Boston, Mass. 1948.

CUSTER, BROOKS O., Chairman of Highway Technology, Oregon Technical Institute, Klamath Falls, Ore. 1958.

CUTSHALL, CHESTER S., Professor of Engineering Sciences, Purdue University, Lafayette, Ind. 1941.

CUTTS, CHARLES E., Professor and Head of Civil Engineering, Michigan State University, East Lansing, Mich. 1949.

CUYKENDALL, TREVOR R., Professor and Director of Engineering Physics, Cornell University, Ithaca, N. Y. 1951.

CYPHERS, HOWARD E., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.

DABNEY, WALTER H., U. S. Army Map, Suc FE, (8055), APO 500, San Francisco, Calif. 1951.

DACCARDO, SAMUEL, Evening Instructor in Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1956.

DAGGETT, PARKER H., Professor Emeritus of Electrical Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1921–24; Vice President, 1935–36.*) 1910.

DAHL, GUSTAV C., Project Manager, Jackson and Moreland, Inc., Boston, Mass. 1932.

DAHLMAN, JOHN E., College Relations Representative, Glenn L. Martin Co., Baltimore, Md. 1953.

DAHLMAN, MARVIN S., Assistant Professor of Mechanical Engineering, Michigan College of Mining and Technology, Sault Ste. Marie, Mich. 1958.

DAHM, NORMAN F., Instructor in Engineering, Boise Junior College, Boise, Idaho. 1953.

DAILY, HENRY J., Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1956.

DAKE, EARL D., Professor and Head of Civil Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1940.

DALE, ALVIN C., Professor of Agricultural Engineering, Purdue University, Lafayette, Ind. 1955.

DALEY, JOHN L., Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1940.

DALIA, FRANK J., Assistant Professor of Civil Engineering, Tulane University, New Orleans, La. 1957.

DALY, EDWARD A., Assistant Professor, Mechanical Department, Oregon State College, Corvallis, Ore. 1956.

DALY, JOHN F., Assistant Professor of Mathematics, St. Louis University, St. Louis 3, Mo. 1953.

DAMODARAN, GOVINDASWAMY R., Principal, P. S. G. & Son's Charities College of Technology, Peelamedu, Coimbatore, India. 1949.

DANA, FOREST C., Professor of Industrial Engineering, Iowa State College, Ames, Ia. 1923.

DANFORTH, GEORGE E., Assistant Professor in Architecture, Illinois Institute of Technology, Chicago, Ill. 1950.

DANGEL, HERBERT A., Director of Admissions, Engineering, Professor of Mathematics, University of Cincinnati, Cincinnati 21, Ohio. (*Member of Council, 1946–47.*) 1944.

DANGELMAYER, W. R., General Employment Manager, Personnel Department, New England Telephone and Telegraph Company, 185 Franklin, Boston, Mass. 1953.

DANIEL, DANA E., Instructor in Civil Engineering, University of Arkansas, Fayetteville, Ark. 1958.

DANIEL, KENNETH R., Vice President of Engineering, American Cast Iron Pipe Company, P.O. Box 2603, Birmingham 2, Ala. 1948.

DANIEL, LAWRENCE R., Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1949.

DANIEL, LEE, Associate Professor of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1945.

DANIELS, JOSEPH, Professor Emeritus of Mining Engineering and Metallurgy, University of Washington, Seattle, Wash. *Life Member.* 1910.

DANIELS, TED E., Project Engineer, Control Group, Allison, Indianapolis, Ind. 1951.

DANIELS, WALTER T., Retired Professor of Civil Engineering, Howard University, Washington, D. C. 1942.

DANNER, CHARLES S., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1954.

DANNER, ELLIS, Professor of Highway Engineering, Director of Illinois Cooperative Highway Research Program, University of Illinois, Urbana, Ill. 1947.

DANTONA, LEO ROBERT, Training Director, Bedford Laboratory, Missile Systems Division, Raytheon Manufacturing Company, 12 Euclid Avenue, Winchester, Mass. 1954.

D'APPOLONIA, ELIO, Lecturer in Civil Engineering, Carnegie Institute of Technology; President, E. D'Appolonia Associates, Consulting Engineers, Pittsburgh, Pa. 1948.

DARBY, HARRY, Chairman of the Board, The Darby Corporation, Kansas City, Kans. 1949.

DARDEN, THOMAS F., Administrator, Industrial Training Administration, Northrop Aircraft, Inc., Hawthorne, Calif. 1957.

DARLING, RAYMOND O., Staff Assistant, Public Relation's Staff, General Motors Corporation, 3044 West Grand Blvd., Detroit 2, Mich. 1955.

DARLINGTON, ROBERT P., Assistant Professor of Architectural Engineering, Washington State College, Pullman, Wash. 1957.

DART, OLIN K., JR., Instructor in Agricultural Engineering, Cornell University, Ithaca, N. Y. 1957.

DAS, SWARNENDU K., Joint Director of Public Instruction, Madhya Pradesh, Bhopal, India. 1956.

DASHER, BENJAMIN J., Professor and Director, School of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1957.

DATSKO, JOSEPH, Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1955.

DAUS, PAUL H., Professor of Mathematics, University of California, Los Angeles, Calif. 1952.

D'AVELLA, JOSEPH V., Supervisor of Industrial Techniques and Industrial Management, Boston College, Chestnut Hill, Mass. 1952.

DAVENPORT, MONTY E., Instructor in Mechanical Engineering, Texas Technological College, Lubbock, Tex. 1957.

DAVENPORT, WILLIAM H., Professor of English and Chairman of Humanities, Harvey Mudd College, Claremont, Calif. 1957.

DAVEY, JOHN T., Partner, Davey, Kahn & Associates, 540 Richards Road, Toledo 7, Ohio. 1946.

DAVEY, RALPH H., JR., Assistant Professor of Engineering Drawing, A. & M. College of Texas, College Station, Tex. 1956.

DAVID, MORTON M., Associate Professor of Chemical Engineering, University of Washington, Seattle 5, Wash. 1951.

DAVID, WILLIAM J., Dean of Graduate School, Chrysler Institute of Engineering, Detroit 31, Mich. 1948.

DAVIDS, NORMAN, Professor of Engineering Mechanics, Pennsylvania State University, University Park, Pa. 1954.

DAVIDSON, BRUCE M., Assistant Dean of Engineering, University of Wisconsin, Madison, Wis. 1958.

DAVIDSON, DONALD T., Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1948.

DAVIDSON, HAROLD O., Chairman, Targets Group, Operations Research Office, Johns Hopkins University, Chevy Chase 15, Md. 1949.

DAVIDSON, RAYMOND A., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1955.

DAVIDSON, ROBERT F., Professor and Chairman of Mechanics, Missouri School of Mines, Rolla, Mo. 1952.

DAVIES, C. E., Retired Secretary, The American Society of Mechanical Engineers, 29 West Thirty-Ninth Street, New York 18, N. Y. (*Member of Council, 1934–37.*) 1925.

DAVIS, ALPHEUS G., Asst. P. of Math., Clarkson College of Technology, Potsdam, N. Y. 1955.

DAVIS, ALTON F., Secretary, The James F. Lincoln Arc Welding Foundation, 22801 St. Clair Ave., Cleveland 17, Ohio. 1942.

DAVIS, ARTHUR W., Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1943.

DAVIS, BENJAMIN G., Head of Mechanical Technology, Mohawk Valley Technical Institute, Utica, N. Y. 1957.

DAVIS, CHESTER L., Associate Professor of Mathematics and Engineering Mechanics, Tri-State College, Angola, Ind. 1958.

DAVIS, CHARLES P., Development Engineer, General Electric Company, 1 River Road, Schenectady, N. Y. 1949.

DAVIS, D. S., Head of School of Chemistry, Department of Pulp and Paper Technology, University of Alabama, Tuscaloosa, Ala. 1954.

DAVIS, FRANK G., Instructor in Engineering Drawing, Ohio State University, Columbus, Ohio. 1956.

DAVIS, GEORGE E., Lecturer in Mechanical Design, University of California, 2574 Hilgard Avenue, Berkeley 9, Calif. 1953.

DAVIS, HARMER E., Professor and Chairman of Civil Engineering and Director of the Institute of Transportation and Traffic Engineering, University of California, Berkeley 4, Calif. 1933.

DAVIS, HOWARD L., 194 Inwood Avenue, Upper Montclair, N. J. *Life Member.* 1929.

DAVIS, JEFFERSON D., JR., Professor and Acting Dean of Engineering, Tuskegee Institute, Tuskegee, Ala. 1954.

DAVIS, JESS H., President, Stevens Institute of Technology, Hoboken, N. J. 1942.

DAVIS, JOSEPH J., Director of Education, National Radio Television School, Inc., 4400 Euclid Ave., Cleveland 3, Ohio. 1958.

DAVIS, RALPH H., Supervisor of Engineering Training, Westinghouse Electric Corporation, Pittsburgh, Pa. 1948.

DAVIS, RAYMOND E., Professor Emeritus of Civil Engineering, Director, Engineering Materials Laboratory, University of California, Berkeley, Calif. (*Life Member.*) 1913.

DAVIS, ROBERT B., Associate Professor of Mathematics, Syracuse University, Syracuse, N. Y. 1953.

DAVIS, ROLAND P., Dean Emeritus of Engineering, West Virginia University, Consulting Bridge Engineer, State Road Commission of West Virginia, Morgantown, W. Va. 1932.

DAVIS, STEPHEN R., Lecturer in Mechanical Engineering, University of Illinois, Urbana, Ill. 1953.

DAVIS, STEPHEN S., Professor of Mechanical Engineering, Howard University, Washington, D. C. 1941.

DAVIS, VERNE D., Instructor in Mathematics, Central Technical Institute, Kansas City, Mo. 1956.

DAVIS, VERNON O., Co-ordinator of College Recruiting, Union Carbide Corporation, Fanwood, N. J. 1958.

DAVIS, W. KENNETH, Vice President, Bechtel Corporation, San Rafael, Calif. 1949.

DAVIS, WATSON M., Professor of Mathematics and Engineering, Cornell College, Mount Vernon, Iowa. 1939.

DAVIS, WILLIAM H., Lecturer in Engineering Science, University of Western Ontario, London, Ont. 1958.

DAVISON, BEAUMONT, Assistant Professor of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio. 1955.

DAVISON, DAVID J., Instructor in Industrial Engineering, Lafayette College, Easton, Pa. 1958.

DAVISON, FRANK L., Instructor in Industrial Supervision, Ohio Mechanics Institute, Cincinnati, Ohio. 1956.

DAWES, CHESTER L., Associate Professor Emeritus of Electrical Engineering, Harvard University, Cambridge, Mass. (*Member of Council, 1946–47.*) 1915.

DAWES, LYMAN M., 104 Cross Street, Belmont 78, Mass. *Life Member.* 1926.

DAWSON, CHARLES H., Professor and Head of Electrical Engineering, University of Rhode Island, Kingston, R. I. 1939.

DAWSON, EDWARD, Professor of Engineering Research, Ordnance Research Laboratory, Pennsylvania State University, University Park, Pa. 1953.

DAWSON, EUGENE F., Professor and Chairman, School of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1942.

DAWSON, FRANCIS M., Dean, College of Engineering, State University of Iowa, Iowa City, Iowa. (*Vice President, 1947–50; President, 1950–51; Member of Council, 1941–44.*) 1910.

DAWSON, JAMES K., Welding Engineer, Army Ballistic Missile Agency, Redstone Arsenal, Huntsville, Ala. 1954.

DAWSON, JOHN D., Vice President and Dean of Students, Antioch College, Yellow Springs, Ohio. 1949.

DAWSON, JOHN H., Senior Research Engineer, North American Aviation, Downey, Calif. 1950.

DAWSON, RAYMOND F., Professor of Civil Engineering and Associate Director, Bureau of Engineering Research, University of Texas, Box 7977, Austin 12, Texas. 1935.

DAXELHOFER, JEAN-PIERRE, Professor of Civil Engineering, Ecole Polytechnique de L'Universite de Lausanne, Lausanne, Switzerland. 1954.

DAY, CECIL L., Associate Professor of Agricultural Engineering, University of Missouri, Columbia, Mo. 1952.

DAY, DAVID A., Chairman of Civil Engineering, University of Denver, Denver, Colo. 1955.

DAY, EMMETT E., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1953.

DAY, JAMES A., Assistant Professor of Engineering Drawing, Wayne State University, Detroit, Mich. 1955.

DAY, ROBERT W., Associate Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1954.

D'AZZO, JOHN J., Associate Professor of Electrical Engineering, U.S.A.F. Institute of Technology, Dayton, Ohio. 1953.

DEABLER, LAURENCE T., Manager, Engineering Education, International Business Machines Product Development Laboratory, Poughkeepsie, N. Y. 1958.

DEAKINS, CLARENCE E., Deputy Director, Illinois Commission of Higher Education, 160 North LaSalle St., Chicago, Ill. 1954.

DEAN, DONALD L., Associate Dean of Engineering, Kansas University, Lawrence, Kan. 1952.

DEAN, JAMES W., Supervisor, Educational Activities, Westinghouse Corporation, Pittsburgh, Pa. 1957.

DEAN, JOHN E., Professor and Head of Electrical Engineering, Colorado State University, Fort Collins, Colo. 1943.

DEAN, THOMAS S., Instructor in Mechanical Engineering, Southern Methodist University, Dallas, Tex. 1958.

DEANE, CHARLES W., U. S. Industrial Chemicals, 99 Park Ave., New York, N. Y. 1947.

DEAVER, FRANKLIN K., Assistant Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1956.

DE BAUFRE, WM. L., Chairman Emeritus, Department of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. (*Member of Council, 1949–51.*) (Home: 1310 W. Circle Drive, McCook, Neb.) *Life Member.* 1920.

DECHANT, WILLIAM G., Electrical Engineer, E. I. du Pont de Nemours & Company, Wilmington 98, Del. 1950.

DE CHAZAL, LOUIS EDMONE M., Associate Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1953.

DECICCO, MICHAEL A., Assistant Professor of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1956.

DECICCO, PAUL R., Assistant Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

DECKER, FLOYD A., Professor and Chairman, Department of Electrical Engineering, Texas Western College, El Paso, Texas. 1940.

DECKER, J. J., Assistant to the President, American Radiator and Standard Sanitary Corporation, New York, N. Y. 1951.

DECKER, JAMES D., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1954.

DE COTIIS, JOHN C., Teacher in Chemistry, Board of Education, Jersey City, N. J. 1956.

DEEGAN, J. WAYNE, Professor of Industrial Engineering, Chairman of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1954.

DEEKS, STANLEY H., Executive Director, Industrial Foundation on Education, Toronto, Ontario, Canada. 1955.

DEEMER, KENNETH C., Professor and Chairman of Engineering Mechanics, University of Kansas, Lawrence, Kans. 1952.

DEES, BOWEN C., Deputy Assistant Director, Scientific Personnel and Education Division, National Science Foundation, Washington, D. C. 1955.

DEFILIPPS, ANTHONY J., Assoc. Professor of Architecture, University of Illinois, Chicago, Ill. 1953.

DEFINA, FRANK P., Instructor in Electrical Engineering, Pennsylvania State University, University Park, Pa. 1956.

DE FOTIS, WILLIAM, Instructor in General Engineering, University of Illinois, Chicago, Ill. 1957.

DEFRANCE, JOSEPH J., Head of Electrical Technology, New York City Community College, Brooklyn, N. Y. 1956.

DE GARMO, E. PAUL, Professor and Chairman of Industrial Engineering, University of California, Berkeley, Cal. 1939.

DEGLER, HOWARD E., Professor of Mechanical Engineering, University of Wichita, Wichita, Kan. 1957.

DEGROFF, HAROLD M., Head of Aeronautical Engineering School, Purdue University, West Lafayette, Ind. 1952.

DEJAIFFE, ERNEST, Assistant Professor of Engineering Extension, Pennsylvania State University, Altoona, Pa. 1955.

DE JONG, SYBREN H., Associate Professor of Civil Engineering, University of British Columbia, Vancouver, Canada. 1957.

DELAPP, WARREN W., Professor of Civil Engineering, University of Colorado, Boulder, Col. 1956.

DELCAMP, ROBERT M., Professor of Chemical Engineering, University of Cincinnati, Cincinnati, Ohio. 1957.

DeLeo, Emil A., Assistant Professor of Industrial Engineering, University of Pittsburgh, Pittsburgh, Pa. 1956.

Delgrosso, Angelo L., Instructor in Electrical Engineering, Westchester Community College, White Plains, N. Y. 1954.

Delich, Michael, Assistant Professor of Mechanical Engineering, University of Notre Dame, South Bend, Ind. 1950.

Dell, George H., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1932.

Deller, Anthony W., Lecturer in Chemical Engineering, Columbia Univ., New York, N. Y. 1940.

Deller, Russel A., Employment Director (Retired), Personnel, Bell Telephone Laboratories, 463 West Street, New York, N. Y. (*Member of Council, 1944–47.*) 1931.

Del Mastro, Anthony J., Associate Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1948.

Delong, Henry H., Professor of Agricultural Engineering, South Dakota State College, Brookings, S. D. 1953.

de Lorenzi, Otto, Director of Education and Fuels Cons., Combustion Engineers, Inc., 200 Madison Ave., New York 16, N. Y. 1949.

de Losada y Puga, Cristobal, Dean Facultad de Ingenieria, Universidad Catolica del Peru, Lima, Peru, S. A. 1945.

Deltoro, Vincent, Assistant Professor of Electrical Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1950.

Deltoro, Vincent, Assistant Professor of Electrical Engineering, College of the City of New York, New York, N. Y. 1950.

DeLuise, Frank J., Assistant Professor of Mechanical Engineering, University of Rhode Island, Bliss Hall, Kingston, R. I. 1953.

Del Vecchio, Alfred J., Associate Professor of Mechanical Engineering, Manhattan College, New York, N. Y. 1948.

De Marche, John M., Assistant Professor of Civil Engineering, Louisiana State University, Baton Rouge, La. 1955.

Demaree, Kenneth B., Director of College Department, Harper and Brothers, 49 East 33rd St., New York 16, N. Y. 1947.

DeMart, Herbert C., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1958.

Dembner, Elliot, Instructor in Engineering Drawing, New York University, University Heights, New York 53, N. Y. 1958.

Dembski, Marion V. J., Assistant Professor of Engineering, University of Illinois, Navy Pier Undergraduate Division, Chicago 11, Ill. 1947.

Demeter, John, Instructor in Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1957.

Deming, Donald E., Assistant Professor of Mechanical Engineering, University of Maine, Orono, Me. 1956.

Demont, Albert M., Manager, Program Development, General Engineering Laboratory, General Electric Company, Schenectady, N. Y. 1958.

DeMoss, Merle L., Head of Engineering Mechanics Section, General Motors Institute, Flint, Mich. 1957.

De Moyer, Robert, Professor and Head of Civil Engineering, Lafayette College, Easton, Pa. 1938.

Denavit, Jacques, Assistant Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1958.

deNeufville, Albert W., Associate Professor of Mechanics, Lehigh University, Bethlehem, Pa. 1951.

Denham, Philip R., Instructor in Engineering and Physics, Riverside City College, Riverside, Calif. 1958.

Den Hartog, Jacob P., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Room 3-174, Cambridge 39, Mass. 1950.

Denis, Brother A., Professor and Head, Dept. of Engineering Drawing, Manhattan College, New York City. 1939.

Denison, John S., Associate Professor of Electrical Engineering, Agricultural and Mechanical College of Texas, College Station, Tex. 1958.

Dennett, Hugh F., Assistant Professor of Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1954.

Denning, Merle A., Head of Mechanical Drawing Department, Tucson Senior High School, Tucson, Ariz. 1956.

Denny, C. E., Instructor in Mathematics, Central College, Fayette, Mo. 1950.

Dent, Harold M., Administrative Chairman, Cooperative Engineering Program, General Motors Institute, Flint, Mich. 1946.

Dent, Joseph B., Professor of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

DePauw, John F., Technical Employment, Minnesota Mining and Manufacturing Company, St. Paul 6, Minn. 1958.

Depian, Louis, Electrical Engineering, The George Washington University, Washington 6, D. C. 1954.

DePree, John D., Instructor in Applied Mathematics, University of Colorado, Boulder, Colo. 1956.

Deptula, Alfred R., Captain, Directorate Research and Development, U. S. Air Force, 7512 Inzer Street, Springfield, Va. 1949.

Derby, Elles M., Manager, Management Education, Metropolitan Life Insurance Co., New York 10, N. Y. (Home: 37 Reynen Court, Ridgewood, N. J.) 1949.

Dere, John R., P. O. Box 3529 Rincow Annex, San Francisco, Calif. 1958.

de Rivera, Horace L., Lecturer in Mathematics, Northeastern University, Boston, Mass., 1956.

Derks, Richard J., Chief Design Engineer, Dynamic Division, Eaton Manufacturing Company, 2120—35th Street, Kenosha, Wis. 1955.

Derleth, Chas., Jr., Professor Emeritus of Civil Engineering, University of California, Berkeley, Calif. *Life member.* 1904.

Dermer, Richard D., Instructor and Chairman of Electrical Engineering, Chief Engineer, Research and Development Laboratory, Indiana Technical College, Fort Wayne, Ind. 1950.

d'Errico, Thomas R., Associate Professor of Civil Engineering, North Dakota State College, Fargo, N. D. 1956.

Derry, Stephen A., President, Derry Engineers, Louisville, Ky. 1957.

Deschere, Allen R., General Manager, Redstone Division, Rohm & Haas Company, Huntsville, Ala. 1946.

Deshpande, Datta L., Principal, Bihar Institute of Technology, Bihar, India. 1956.

Desnoyers, Harold B., Chairman of Electrical Technology Department, Westchester Community College, White Plains, N. Y. 1954.

De Spain, Wallis J., Instructor in Engineering, El Camino College, El Camino, California. 1948.

Dessauer, Walter E., Assistant Professor in charge of Engineering Drawing, Tulane University, New Orleans, La. 1948.

d'Etigny, Enrique, Director, Escuela de Ingenieria, Universidad de Chile, Santiago, Chile. 1958.

de Urzaiz, Luis, President, National Technical Institute, 214 West 23rd Street, New York 11, N. Y. 1948.

Deutsch, Maurice N., Instructor in Engineering, Valley Junior College, Van Nuys, Calif. 1957.

DeVaney, Amogene F., Professor of Engineering and Mathematics, Amarillo College, Amarillo, Tex. 1948.

DEVEREAUX, ALFRED B., Assistant Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio. 1958.

DEVERSE, JOSEPH L., Assistant Professor, Milwaukee School of Engineering, Milwaukee 1, Wis. 1958.

DEVILBISS, CECIL F., Department of Civil Engineering, Vanderbilt University, Nashville 5, Tenn. 1956.

DEVINE, JAMES J., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1930.

DEVINE, J. JAMES, Associate Professor of Engineering Graphics, Northeastern University, Boston, Mass. 1935.

DEVOR, ELMER L., Facilities Engineer, Plastics Department, Chemical and Metallurgical Division, General Electric Company, Decatur, Ill. 1938.

DEVORE, PAUL WARREN, Assistant Professor of Industrial Arts, State University of New York Teachers College at Oswego, Oswego, N. Y. 1958.

DEVRIES, HERBERT B., Instructor in Engineering English, University of Colorado, Boulder, Colo. 1958.

DEVRIES, J. PIETER, Senior Engineer in Advanced Development, Westinghouse A.G.T. Division, Kansas City, Mo. 1954.

DEVRIES, LOUIS S., Assistant Professor of Engineering, Pan American College, Edinburg, Tex. 1958.

DE WILDE, ANDRIES C., Senior Project Engineer, General Motors—Power Dev., Night Supt., Detroit Institute of Technology, Detroit, Mich. (Home address: 8 Ridge, Rd., Pleasant Ridge, Mich.). 1952.

DEWING, MARTIN M., Director of Employee Development, United States Naval Air Missile Test Center, Ventura, Calif. 1957.

DEWITT, DAVID P., Instructor in Mechanical Engineering, Duke University, Durham, N. C. 1958.

DEXTER, G. M., Consulting Industrial Engineer, 32 Fenimore Rd., Scarsdale, N. Y. 1954.

DEYO, DONALD E., Dean, Montgomery Junior College, Takoma Park 12, Md. 1948.

DEYOUNG, RUSSELL, Executive Vice President, Goodyear Tire and Rubber Company, 1144 East Market Street, Akron 16, Ohio. 1948.

DIBOLL, WALLACE B., JR., Lecturer in Mechanical Engineering, Washington University, St. Louis, Mo. 1947.

DICK, WILLIAM K., Electrical Engineer, Moloney Electric Company, St. Louis, Mo. 1952.

DICKER, PAUL E., Associate Professor of Electrical Engineering, Vanderbilt University, Nashville 5, Tenn. 1948.

DICKEY, DONALD W., Associate Prof. of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1944.

DICKENSON, DAVID F., 1140 Ralston, Reno, Nev. 1951.

DICKINSON, R. K., Economics Engineer, Texas Eastern Transmission Corporation, Shreveport, La. 1957.

DIEFENDORF, ADELBERT, Dean of Engineering, College of the Pacific, Stockton 4, Calif. (*Member of Council, 1954–56.*) *Life Member.* 1922.

DIETZ, ALBERT G. H., Professor of Building Engineering and Construction, Massachusetts Institute of Technology, Cambridge, Mass. 1940.

DIETZ, JESS C., Partner, Clark, Daily & Dietz, 211 North Race Street, Urbana, Ill. 1948.

DILIO, CHARLES C., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1952.

DILL, ELLIS H., Assistant Professor of Aeronautical Engineering, University of Washington, Seattle, Wash. 1956.

DILLARD, HERBERT N., Head of Department and Professor of English, Virginia Military Institute, Lexington, Va. 1955.

DILLENBECK, HAROLD L., Instructor in Mechanical Engineering, Pennsylvania State University, University Park, Pa., Owner, Harold L. Dillenbeck Surveyors, State College, Pa. 1950.

DILLINGHAM, HARLEY C., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1929.

DILLON, FRANK H., Professor of Engineering, Bradford Durfee Technical Institute, Fall River, Mass. 1953.

DILLON, JOHN C., Head of Engineering Extension, University of California, Los Angeles, Calif. 1950.

DIMASI, LOUIS A., Director, Penn Technical Institute, Pittsburgh, Pa. 1951.

DIMATTEO, JOHN E., Assistant Professor in Engineering Drawing and Descriptive Geometry, Jersey City Junior College, Jersey City, N. J. 1942.

DIMOFF, TODOR, Assistant Professor of Engineering Mechanics, Michigan College of Mining and Technology, Houghton, Mich. 1958.

DINDA, ROBERT, Senior Instructor in Industrial Engineering, General Motors Institute, Flint, Mich. 1957.

DINI, ARTHUR E., Associate Professor of Civil Engineering, Bradley University, Peoria, Ill. 1951.

DINES, EDWARD A., Professor and Head of Mining Engineering, University of Pittsburgh, Pittsburgh, Pa. 1953.

DINKER, JOHN D., Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1956.

DINSMORE, GEORGE A., Assistant Professor, Lehigh University, Bethlehem, Pa. 1954.

DIONNE, EDWARD A., Associate Professor, Administrative Assistant, Engineering Division, San Jose State College, San Jose, Calif. 1956.

DIOS, ZOLTAN B., Electrical Engineer, Detroit Edison Company, 2000 Second Avenue, Detroit 26, Mich. 1952.

DIPASQUALE, RAYMOND A., Instructor in Architecture, University of Illinois, Urbana, Ill. 1957.

DIRASIAN, HENRY A., Assistant Professor of Civil Engineering, Wayne State University, Detroit, Mich. 1957.

DIRENDE, JOSEPH S., Technical Chief, Special Projects and Analysis, United States Army TRECOM, Fort Eustis, Va. 1954.

DISNEY, RALPH L. 722 East Caston, Beaumont, Tex. 1956.

DISQUE, ROBERT C., Dean Emeritus, College of Engineering, Drexel Institute of Technology, Philadelphia, Pa. (*Member of Council, 1928–31.*) 1927.

DISTLER, THEODORE A., Executive Director, Association of American Colleges, Washington 6, D. C. *Life Member.* 1928.

DITSWORTH, RICHARD L., Instructor in Mechanical Engineering, Michigan State University, East Lansing, Mich. 1958.

DITTFACH, JOHN H., Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1950.

DIX, L. E., Professor of Mathematics, Norwich University, Northfield, Vt. *Life Member.* 1917.

DIXON, DON P., Professor and Head of Engineering Drawing, Louisiana State University, University, La. 1935.

DIXON, HARRY S., Owner, Harry S. Dixon, Consulting Engineer, 2813 Eighth Street, Berkeley 10, Calif. 1938.

DIXON, JOHN D., Associate Professor of Electrical Engineering, University of North Dakota, Grand Forks, N. D. 1956.

DIXON, TOD G., Professor and Chairman of Chemical Engineering, Director of Industrial Relations Center, Indiana Technical College, Fort Wayne, Ind. 1957.

DOANIDES, PETER J., Vice President, Vacuum Concrete, Inc., 1010 Girard Trust Building, Philadelphia 2, Pa. 1958.

DOBBINS, CECIL L., Assistant to the Dean, Baldwin-Wallace College, 66 Seminary Street, Berea, Ohio. 1953.

DOBBINS, GEORGE S., Associate Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1944.

DOBBINS, WILLIAM E., Professor of Sanitary Engineering, New York University, New York, N. Y. 1952.

DOBBS, FREDERICK E., Ford Foundation Consultant to Government of India, Frankfurt/Main, West Germany. 1951.

DOBROVOLNY, JERRY S., Associate Professor in General Engineering, University of Illinois, Urbana, Ill. 1949.

DOBYNS, SAMUEL W., Associate Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1953.

DODD, CHARLES M., Professor and Head, Dept. of Ceramic Engineering, Iowa State College, Ames, Iowa. 1937.

DODD, ROBERT W., President Emeritus, Cogswell Polytechnical College, San Francisco, Calif. (Home: 4914 Crystal Drive, San Diego, Calif.) 1950.

DODGE, BARNETT F., Professor and Chairman, Dept. of Chemical Engineering, Yale University, New Haven, Conn. 1937.

DODGE, ELDON R., Professor and Head, Dept. of Civil Engineering, Montana State College, Bozeman, Mont. 1942.

DODGE, HOMER L., President Emeritus, Norwich University, Northfield, Vt. (Address: Cabot Fund, 409 S. Union Street, Burlington, Vt.) (*Member of Council, 1942–48.*) *Life Member.* 1949.

DODGE, RUSSELL A., Chairman, Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1938.

DODSON, ELLIOTT E., Assistant Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1957.

DOEBELIN, ERNEST O., Instructor in Mechanical Engineering, Ohio State University, Columbus 10, Ohio. 1957.

DOERINGSFELD, HARRY A., Professor of Materials and Mechanics, University of Minnesota, Minneapolis, Minn. 1932.

DOGGETT, LEONARD A., Senior Engineer, Haller, Raymond & Brown, State College, Pa. Professor Emeritus of Electrical Engineering, Pennsylvania State University, University Park, Pa. *Life Member.* 1914.

DOHRENWEND, CLAYTON O., Dean of Graduate School, Acting Dean of Science, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

DOKE, H. B., Assistant Professor of Drawing, University of Wisconsin, Madison, Wis. 1946.

DOLAN, TED, Assistant Professor of Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. 1952.

DOLAN, THOMAS J., Head, Dept. of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1953.

DOLANSKY, LADISLAV O., Associate Professor of Research in Communications in Electrical Engineering, Northeastern University, Boston, Mass. 1954.

DOLL, ALFRED W., Assistant Dean and Chairman of Physics, Pratt Institute, Brooklyn 5, New York. 1926.

DOLVE, ROBERT M., Retired Dean of Engineering, North Dakota State College, Fargo, N. D. (Home Address: 221 North Oregon, Los Angeles 42, Calif.) *Life Member.* 1926.

DOMAN, CARL T., National Service Manager, Ford Division, Ford Motor Company, Dearborn, Mich. 1946.

DOMINGUE, EMERY, Assistant Professor of Civil Engineering, Southwestern Louisiana Institute, Lafayette, La. 1953.

DOMINIC, RANDOLPH P., Instructor in Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1951.

DOMONOSKE, ARTHUR B., Retired Mechanical Engineer, 207 East 8th Street, Davis, Cal. (*Member of Council, 1935–38.*) 1913.

DONAHEY, MICHAEL H., Engineer, Bechtel Corp., San Francisco, Calif. 1945.

DONAHUE, THOMAS L., Professor and Head of English and Psychology, Polytechnic Institute of Brooklyn, Brooklyn 1, N. Y. 1958.

DONAHUE, WILLIAM E., Chairman of Chemistry, Indiana Technical College, Fort Wayne, Ind. 1957.

DONALDSON, CYRIL, Instructor in Mechanical Engineering, Rochester Institute of Technology, Rochester, N. Y. 1945.

DONNELL, PHILIP S., Vice President Emeritus of Oklahoma State University, Stillwater, Okla.; Head of Division of Special Studies, San Antonio City Water Board, San Antonio, Tex. (On one year leave of absence, Sheepscott, Maine.) (*Life Member.*) 1927.

DONNELLON, V. REV. JAMES A., President, Villanova University, Villanova, Pa. 1955.

DONNELLY, HAROLD G., Head of Chemical and Metallurgical Engineering, Wayne State University, Detroit 2, Mich. 1943.

DONNELLY, HAROLD I., Instructor in Civil Engineering, The Citadel, Charleston, S. C. 1957.

DONNELLY, JAMES B., Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1956.

DONOVAN, EDWARD T., Acting Dean of Technology, University of New Hampshire, Durham, N. H. 1929.

DONOVAN, THOMAS J., Personnel Representative, Engineering Department, E. I. du Pont de Nemours and Company, Wilmington 98, Del. 1956.

DOODY, THOMAS C., Associate Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1939.

DOOGE, JAMES C. I., Civil Works Department, Electricity Board, Dublin, Ireland. 1956.

DOOLAN, ROBERT J., Director, University of Massachusetts School of Engineering, Pittsfield Branch, Pittsfield, Mass. 1957.

DOOLITTLE, JESSE S., Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1929.

DOREMUS, HAL C., Director, Division of Engineering, Tarleton State College, Stephenville, Texas. 1946.

DORIA, OSVALDO P., Professor and Head of Electrical Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1956.

DORNBERGER, WERNER W., Professor and Chairman, Dept. of Architectural Engineering, University of Texas, Austin, Texas. (*Member of Council, 1952–54.*) 1938.

DORR, JOHN V. N., Chairman of the Board, The Dorr Company Engineers, 99 Park Ave., New York, N. Y. 1949.

DOSSAT, ROY J., Assistant Professor, Refrigeration and Air Conditioning, University of Houston, Houston, Tex. 1955.

DORSEY, ESTELLE E., Assistant Engineer University of California, Los Angeles, Calif. 1954.

DOTTERWEICH, FRANK H., Director, Division of Engineering, Texas College of A. & I., Kingsville, Texas. 1946.

DOUGHERTY, C. R. G., Associate Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1948.

DOUGHERTY, N. W., Dean Emeritus of Engineering, University of Tennessee, Knoxville, Tenn. (*Vice President, 1944–46; President, 1954–55.*) (*Honorary Member.*) 1937.

DOUGHTIE, VENTON L., Professor and Chairman of Mechanical Engineering, University of Texas, Austin 12, Tex. (*Member of Council, 1956–58*). 1930.

DOUGHTY, JULIAN O., Instructor in Engineering Drawing, Mississippi State University, State College, Miss. 1958.

DOUGLAS, CLARENCE J., Associate Professor of Civil Engineering, Norwich University, Northfield, Vt. 1957.

Douglas, Donald C., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1955.

Douglas, John F. H., Professor Emeritus of Electrical Engineering, Marquette University, Milwaukee, Wis. 1910.

Douglas, John G., Professor and Chairman of Geology, University of Mississippi, University, Miss. 1957.

Douglass, Clarence E., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1943.

Douglass, Matthew M., Instructor in Civil Engineering, Howard University, Washington, D. C. 1958.

Doulet, Dan C., Assistant Professor of Industrial Engineering, University of Tennessee, Knoxville, Tenn. 1958.

Doutt, Ralph E., Associate Professor of Mathematics, South Dakota, School of Mines and Technology, Rapid City, S. D. 1947.

Dove, Richard C., Associate Professor of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1954.

Dow, William G., Professor and Chairman of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929.

Dowell, Dawson, Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1936.

Dowling, Edward J., Rev., S.J., Teacher and Chairman of Mechanical Drawing, Loyola Academy, 1100 N. Laramie Avenue, Wilmette, Ill. 1942.

Downey, Glenn L., Associate Professor of Engineering Mechanics, University of Nebraska, Lincoln 8, Neb. 1947.

Downey, Paul M., Associate Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1956.

Downing, Charles G. E., Professor and Head of Engineering Science, Ontario Agricultural College, Guelph, Ontario, Canada. (*Member of Council, 1956–57.*) 1947.

Downing, Donald G., Dean of Admissions and Students, Worcester Polytechnic Institute, Worcester, Mass. 1934.

Downing, Lewis K., Professor of Civil Engineering and Dean, School of Engineering and Architecture, Howard University, Washington, D. C. 1929.

Downing, Reginald H., Dean, Resident College, USAF Institute of Technology, Dayton, Ohio. 1952.

Downing, Roderick L., Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926

Downs, James B. T., Professor of Mechanical Engineering, University of Hawaii, Honolulu 14, Hawaii. 1939.

Downs, Oscar L., Head of Machine Shop and Welding, Tuskegee Institute, Tuskegee, Ala. 1957.

Dows, Harold W., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1934.

Doyle, Frank B., Professional Engineer, Raymond, Ill. 1925.

Doyle, Lawrence E., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1952.

Doyle, Louis E., Assistant Coordinator of Cooperative Courses, Southern Methodist University, Dallas 5, Tex. 1958.

Doyle, Robert E., Development Engineer, Westinghouse Electric Corporation, Kansas City, Mo. 1950.

Doyle, William L., Assistant Professor of Mechanical Engineering, Bradley University, Peoria, Ill. 1957.

Draffin, Jasper O., Professor Emeritus of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. *Life Member.* 1917.

Drake, Caroline C., Librarian in Engineering, University of Notre Dame, Notre Dame, Ind. 1952.

Drake, Robert L., Assistant Professor of Electrical Engineering, Tulane University, New Orleans, La. 1957.

Draper, Alan B., Assistant Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1952.

Draper, C. Richard, Manager Research, Marketing and Industrial Development, Northern Natural Gas Company, Omaha, Nebr. 1953.

Draper, Charles S., Professor and Head, Dept. of Aeronautical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1945.

Draughon, Ralph B., President, Alabama Polytechnic Institute, Auburn, Ala. 1949.

Drechsler, Frank S., Lecturer of Mechanical Engineering, University College, Upper Merrion St., Dublin, Ireland. 1950.

Dreese, Erwin E., Professor and Chairman of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1929.

Dreher, George K., Market Development Director, Steel Founders' Society of America, 606 Terminal Tower, Cleveland 13, Ohio. 1947.

Dreier, Theodore, Manager of Metallurgical Laboratory, Knolls Atomic Power Laboratory, General Electric Company, Schenectady, N. Y. 1955.

Dreifke, Gerald E., Associate Professor and Head of Electrical Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

Dresser, W. Robert, Chairman of Engineering, New Haven College, New Haven, Conn. 1958.

Drevdahl, Elmer R., Jr., Associate Professor of Mining and Metallurgy, University of Arizona, Tucson, Ariz. 1951.

Drew, Thomas B., Professor and Head, Dept. of Chemical Engineering, Columbia University, New York City. 1940.

Dreyer, Sherman F., Associate Professor of Mechanical Engineering, Tri-State College, Angola, Ind. 1957.

Driftmier, Rudolph H., Professor and Head, Agricultural Engineering Dept., University of Georgia, Athens, Ga. (*Member of Council, 1954–56.*) 1949

Drinka, Martin G., Assistant Professor of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1956.

Drinkwater, Willia D., Research, USNOTS, Inyokern, China Lake, Calif. 1947.

Driscoll, George F., Associate Professor of Civil Engineering, University of Dayton, Dayton, Ohio. 1958.

Dropkin, David, Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1946.

Drought, A. Bernard, Dean of Engineering, Marquette University, Milwaukee, Wis. (*Member of Council, 1956–58.*) 1949.

Drown, Clarence H., Associate Professor of Engineering, Sacramento State College, Sacramento 21, Calif. 1958.

Drucker, Daniel C., Chairman, Division of Engineering, Brown University, Providence, R. I. 1953.

Drucker, Eugene E., Associate Professor of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1952.

Dryden, Charles E., Associate Professor of Chemical Engineering, The Ohio State University, Columbus, Ohio. 1956.

Dubbe, Everette C., Assistant Professor of Electrical Engineering, West Virginia University Morgantown, W. Va. 1952.

Dubensky, Robert G., Instructor in Mechanical Engineering, University of Kansas, Lawrence, Kan. 1958.

Dubois, John P., Managing Editor, *Design News*, Rogers Publishing Co., Denver, Colo. 1958.

Dubois, T. Randall, Lecturer In Applied Science, Southern Illinois University, Carbondale, Ill. 1958.

DuBose, Lawrence A., Director of Engineering, Testing Service Corporation, 812 East Street, Charles Road, Lombard, Ill. 1950.

DUCHACEK, HOWARD, Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

DUCHESNE, RODERICK C., Assistant Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

DUCK, HOWARD B., JR., Instructor in Engineering Drawing, Rice Institute, Houston, Tex. 1956.

DUCKER, WILLIAM L., Professor of Petroleum Engineering, Texas Technological College, Lubbock, Texas. 1948.

DUCOFF, WALTER, Instructor in Engineering, Texas Western College, El Paso, Tex. 1956.

DUDEK, RICHARD A., Professor and Head of Industrial Engineering, Texas Technological College, Lubbock, Tex. 1957.

DUDLEY, BEVERLY, Editor, *The Technology Review and Research Reports*, Massachusetts Institute of Technology, Cambridge, Mass. 1942.

DUDLEY, JOHN H., Assistant Commandant, United States Army Engineer School, Fort Belvoir, Va. 1958.

DUDLEY, SAMUEL W., Dean Emeritus, School of Engineering, Yale University, New Haven, Conn. *Life Member.* (*Member of Council, 1936–39.*) 1921.

DUFF, CARL M., Professor Emeritus of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. (Home: 1347 N. 37th Street.) (*Life Member.*) 1912.

DUFFEY, DICK, Associate Professor of Chemical Engineering, University of Maryland, College Park, Md. 1958.

DUFFY, EUGENE B., Engineer, Technical Service Department, Computer Branch, Engineer Research & Development Laboratories, Fort Belvoir, Va. 1956.

DUFFY, JACQUES W., Assistant Professor of Engineering, Brown University, Providence, R. I. 1955.

DUGGAN, LEO F., Dean of Students and Director of Placement, Michigan College of Mining and Technology, Houghton, Mich. 1945.

DUJETS, MATTHEW J., Professor of Engineering Drawing, Newark College of Engineering, Newark, N. J. 1958.

DUKE, ALBERT L., Assistant Professor of Electrical Engineering, Tennessee Polytechnic Institute, Box 11-A, Cookeville, Tenn. 1950.

DUKE, C. MARTIN, Professor and Associate Dean of Engineering, University of California, Los Angles 24, Calif. 1939.

DUKE, ELMER, Manufacturer's Representative, V & E Manufacturing Company, Nashville, Tenn. 1957.

DUNCAN, RICHARD H., Associate Professor of Electrical Engineering, New Mexico College of Agriculture and Mechanic Arts, State College, N. Mex. 1958.

DUNCAN, ALLEY H., Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1948.

DUNCAN, DONALD S., Associate Professor of Physics, Pratt Institute, Brooklyn, N. Y. 1938.

DUNCAN, ROBERT C., Personnel Manager, Minneapolis Honeywell Regulator Company, Minneapolis, Minn. 1957.

DUNCAN, WILLIAM B., Instructor in Architecture, School of Engineering and Architecture, University of Kansas, Lawrence, Kansas. 1958.

DUNCKEL, RALPH L., Assistant Professor of General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1957.

DUNCOMBE, CHARLES G., Professor and Chairman of Chemical Engineering; Director of Research Institute, University of Detroit, Detroit, Mich. 1936.

DUNHAM, CLARENCE W., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1934.

DUNHOLTER, RUSSELL J., Professor of Mechanics, University of Cincinnati, Cincinnati, Ohio. 1943.

DUNK, ALLAN C., Asst. Professor of Mechanical Engineering, Purdue University, West Lafayette, Ind. 1954.

DUNKERLEY, PAUL A., Assistant Professor of Civil Engineering, Tufts University, Medford, Mass. 1949.

DUNLAP, A. LEE, Professor of Mechanical Engineering, Tulane University, New Orleans 18, La. 1953.

DUNLAP, EUGENE W., Assistant Professor in Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1952.

DUNLAP, L. T., Associate Professor of Mathematics, The Pennsylvania State University, University Park, Pa. 1945.

DUNLOP, JOHN A., Registrar, Rensselaer Polytechnic Institute, Troy, N. Y. 1937.

DUNN, CLARK A., Executive Director of Engineering Research, Oklahoma State University, Stillwater, Okla. 1942.

DUNN, COLIN H., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1942.

DUNN, IRVING S., Associate Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1954.

DUNN, JOHN W., Associate Professor and Head, Mechanical Engineering Dept., University of Wichita, Wichita, Kans. 1949.

DUNN, MICHAEL G., Laboratory Instructor, Mechanical Engineering Department, Purdue University, Lafayette, Ind. 1958.

DUNN, ORVILLE E., JR., Assistant Professor of Electrical Engineering, University of Arizona, Tuscon, Ariz. 1950.

DUNN, PAUL J., Training Officer, Personnel Division, U. S. Naval Research Laboratory, 2320 Amlong Ave., Alexandria, Va. 1957.

DUNN, WALTER L., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1958.

DUNN, WILLIAM A., Assistant Professor of Extension Engineering, Pennsylvania State University, University Park, Pa. 1956.

DUNNING, ERNEST L., Associate Professor of Applied Science, Southern Illinois University, Carbondale, Ill. 1956.

DUNNING, JOHN R., Dean of Engineering School, Columbia University, New York, N. Y. 1949.

DUNSTAN, GILBERT H., Professor of Sanitary Engineering, Washington State College, Pullman, Wash. 1928.

DUPRE, EDMUND J., Associate Professor of Chemistry, New Bedford Institute of Textiles and Technology, New Bedford, Mass. 1955.

DUQUETTE, DOUGLAS D., Instructor in Civil Engineering, Michigan State University, East Lansing, Mich. 1956.

DURAN, SERVET A., Professor of Metallurgy, State College of Washington, Pullman, Wash. 1949.

DURBETAKI, PANDELI, Assistant Professor of Mechanical Engineering, University of Rochester, Rochester, N. Y. 1955.

DURDEN, FRANCES C., Assistant Professor of English, 561 Cuba Street, Fort Leonard Wood, Mo. 1957.

DURDEN, JOSEPH C., JR., Associate Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1953.

DURHAM, FRANKLIN P., Group Leader, Engineering Design, N-Division, Los Alamos Science Laboratory, P. O. Box 1663, Los Alamos, N. Mex. 1951.

DURLAND, M. A., Dean and Director, School of Engineering and Architecture, Kansas State College, Manhattan, Kans. (*Member of Council, 1953–55.*) 1926.

DURNFORD, ROBERT F., Assistant Professor of Electrical Engineering, Montana State College, Bozeman, Mont. 1955.

DUSINBERRE, GEORGE M., Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1939.

DUTCHER, BARRY C., Assistant Professor of Electrical Engineering, University of Rochester, Rochester 20, N. Y. 1957.

DUTTON, DONNELL W., Director, Daniel Guggenheim School of Aeronautics, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council, 1957–59.*) 1943.

DUTTON, RICHARD A., Engineering Research, Marquardt Aircraft, Van Nuys, Cal. 1951.

DUUS, HANS C., Assistant Professor of Chemical Engineering, University of Massachusetts, Amherst, Mass. 1958.

DU WANE, WALTER H., Instructor in Electronics, Oregon Technical Institute, Klamath Falls, Ore. 1958.

DUWELIUS, THOMAS A., Associate Professor of Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1953.

DWIGHT, CHARLES H., Assistant Professor of Physics, University of Cincinnati, Cincinnati, Ohio. 1948.

DWON, LARRY, Manager of Engineering Manpower, American Gas and Electric Service Corporation, New York 8, N. Y. 1958.

DYBCZAK, ZBIGNIEW W., Lecturer in Mechanical Engineering, University of Toronto, Toronto, Canada. 1956.

DYCHE, HOWARD EDWARD, JR., Instructor in Electrical Engineering, Pennsylvania State University, McKeesport Center, Pittsburgh, Pa. 1956.

DYGDON, JOHN T., Assistant Professor of Technical Drawing, Illinois Institute of Technology, 3300 South Federal Street, Chicago 38, Ill. 1953.

EADIE, GEORGE R., Assistant Professor of Mining Engineering, University of Illinois, Urbana, Ill. 1957.

EAGER, MARCY, Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

EAGLETON, LEE C., Associate Professor of Chemical Engineering, University of Pennsylvania, Philadelphia, Pa. 1958.

EARLE, CHESTER R., Executive Editor, *Power Engineering*, 110 S. Dearborn, Chicago 3, Ill. 1922.

EARLE, SAMUEL B., Dean Emeritus of Engineering, Clemson College, Clemson, S. C. (*President, 1937–38; Vice President, 1935–36; Member of Council, 1927–30, 1937–46.*) *Life Member.* 1912.

EARNEST, G. BROOKS, President, Fenn College, Cleveland, Ohio. 1940.

EASTHAM, JAMES N., Associate Professor of Mathematics, Cooper Union, New York City. 1946.

EASTLAND, DAVID M., Associate Professor of Mechanical Engineering, Mississippi State University, State College, Miss. 1957.

EASTMAN, AUSTIN V., Professor and Executive Officer, Dept. of Electrical Engineering, University of Washington, Seattle, Wash. 1939.

EASTMAN, FRED S., Professor of Aeronautical Engineering, University of Washington, Seattle, Wash. 1949.

EASTMAN, ROBERT M., Professor and Chairman of Industrial Engineering, University of Missouri, Columbia, Mo. 1954.

EASTON, ARCHIE H., Professor of Civil and Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

EASTON, ELMER C., Dean of Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1957–58; Vice President, 1958–60.*) 1946.

EASTON, WILLIAM H., Professor of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1944.

EATON, HAROLD D., Assistant Professor of Hotel, Restaurant & Institutional Management, Michigan State University, East Lansing, Mich. 1950.

EATON, JAMES R., 325 Lawn Ave. W. Lafayette, Ind. 1947.

EATON, MELVILLE E., Assistant Professor, Head of Engineering, University of Alabama Center, Mobile, Ala. 1952.

EATON, PAUL B., Assistant Professor of Metal Processing, Purdue University, Lafayette, Ind. 1957.

EATON, PAUL T., Associate Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1953.

EBAUGH, NEWTON C., Consulting Engineer, Ebaugh & Goethe Consulting Engineers, 700 S.E. 3rd St., Gainesville, Fla. 1931.

EBAUGH, PAUL, Assistant Dean for Research, College of Engineering & Architecture, The Pennsylvania State University, University Park, Pa. 1958.

EBBS, ROBERT E., JR., Assistant Professor of Industrial Engineering, Southern Methodist University, Dallas, Tex. 1958.

EBELING, PAUL F., Instructor, Henry Ford Community College, Detroit, Mich. 1958.

EBERHARDT, ARTHUR E., Assistant Professor of Electrical Engineering, Tri-State College, Angola, Ind. 1953.

EBERHART, HOWARD D., Professor of Civil Engineering, University of California, Berkeley, Calif. 1940.

EBERT, CHARLES H., JR., Manager, University Relations, Educational Department, Westinghouse Electric Corporation, East Pittsburgh, Pa. 1948.

EBERT, EDWARD D., Associate Professor of General Engineering, University of Illinois, Urbana, Ill. 1948.

EBERT, IAN O., Associate Professor of Electrical Engineering, Michigan State University, East Lansing, Mich. 1954.

ECKBERG, HERBERT F., Professor of Mechanical Engineering, Director of Engineering, Bucknell University, Lewisburg, Pa. 1956.

ECKEL, CLARENCE L., Dean of Engineering, University of Colorado, Boulder, Colo. (*Member of Council, 1934–37; Vice President, 1957–60.*) 1914.

ECKEL, EARL J., Professor of Metallurgical Engineering, University of Illinois, Urbana, Ill. 1958.

ECKEL, JAMES R., JR., Instructor in Electrical Engineering, University of Wisconsin, Madison 6, Wis. 1956.

ECKEL, JOHN F., Head of Metallurgical Engineering Department, Virginia Polytechnic Institute, Blacksburg, Va. 1958.

ECKELS, ARTHUR R., Professor and Chairman of Electrical Engineering, University of Vermont, Burlington, Vt. 1948.

ECKENFELDER, WILLIAM W., JR., Associate Professor of Civil Engineering, Manhattan College, New York City, N. Y. 1957.

ECKERMAN, EDWARD H., Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1943.

ECKERSLEY, ALFRED, Lecturer in Electrical Engineering, University of New Mexico, Albuquerque, N. Mex. 1957.

ECKERT, CLARENCE A., Director, School of Installation Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1957.

ECKHARDT, CARL J., Professor of Mechanical Engineering, University of Texas, Austin, Tex. 1929.

ECKLE, JOHN N., Assistant Professor Emeritus of Civil Engineering, Yale University, New Haven, Conn. *Life Member.* 1928.

ECKMAN, DONALD P., Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1949.

ECKSTROM, HILDING T., Manager of Industry Educational Relations, Minneapolis-Honeywell Regulator Company, 2753 Fourth Avenue, Minneapolis, Minn. 1957.

EDDY, ELWIN H., Col. USA Ret., Mathematics and Engineering Mechanics, General Motors Institute, Flint, Mich. 1955.

EDEL, D. HENRY, JR., Instructor in Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1958.

EDGAR, ROBERT F., Head of Civil Engineering, Associate Dean and Chairman of Admissions of Engineering and Mines, University of Pittsburgh, Pittsburgh, Pa. 1920.

EDGERLEY, EDWARD, JR., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1958.

EDGERTON, HAROLD E., Professor of Electrical Measurements, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

EDINGTON, WILLIAM F., Head of Psychology Section, English and Psychology Department, General Motors Institute, Flint 2, Mich. 1955.

EDIS, ALFRED R., Association Professor of Mechanical Engineering, McGill University, Montreal, Quebec, Canada. 1958.

EDISON, OSKAR E., Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1922.

EDLUND, CHARLES F., Dean of Faculty, Lowell Technological Institute, Lowell, Mass. 1956.

EDMINISTER, JOSEPH A., Instructor in Electrical Engineering, The University of Akron, Akron, Ohio. 1958.

EDMISON, HAROLD R., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1950.

EDMONSON, GLENN V., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

EDMONDSON, JAY N., Professor of Industrial Engineering, The Ohio State University, Columbus, O. 1955.

EDSON, CHARLES G., Associate Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1949.

EDSON, WILLIAM A., Consulting Engineer, General Electric Microwave Laboratory, Palo Alto, Calif., Consulting Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1948.

EDSTROM, ALFRED E., Instructor in Engineering and Architecture, City College of San Francisco, San Francisco, Cal. 1944.

EDWARD, BROTHER LAMBERT, Chairman of Engineering, St. Mary's College, Winona, Minn. 1958.

EDWARDS, CHARLES H., JR., Associate Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1958.

EDWARDS, FRANK W., Manager, Stanley Engineering Co., Chicago, Ill. 1942.

EDWARDS, FRANKLIN S., Head and Professor of Aeronautical Engineering, Mississippi State University, State College, Miss. 1945.

EDWARDS, GAIL P., Professor of Sanitary Chemistry, New York University, New York, N. Y. 1955.

EDWARDS, JAMES L., Professor of Mechanical Engineering, Clemson College, Clemson, S. C. 1951.

EDWARDS, JOHN C., Chief Plant Industrial Engineer, American Viscose Corp., Roanoke, Va. 1939.

EDWARDS, WENDELL F., Instructor in Engineering, Pueblo Junior College, Pueblo, Colo. 1958.

EGERMEIER, ROBERT P., Assistant Professor of Mechanical Engineering, New Mexico Agricultural and Mechanical Arts College, State College, New Mex. 1958.

EGGERS, HENRY C. T., Professor and Head of Department of Drawing and Descriptive Geometry, Emeritus, University of Minnesota, Minneapolis, Minnesota. (*Life Member.*) 1922.

EGRY, C. ROBERT, Professor of Industrial Engineering, University of Notre Dame, Notre Dame, Ind. 1954.

EHLERS, LAWRENCE E., Instructor in Applied Mechanics, Kansas State College, Manhattan, Kan. 1957.

EICHELBERGER, MAURICE B., Associate Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1948.

EICHHORN, ROGER, Instructor in Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1958.

EICHLER, JOHN O., Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1939.

EISENBERG, RICHARD F., Associate Professor of Mechanical Engineering, University of Rochester, Rochester, N. Y. (*Member of Council, 1954–56.*) 1948.

EISENSTADT, RAYMOND, Assistant Professor of Mechanical Engineering, Union College, Schenectady, N. Y. 1956.

EKBERG, CARL E., JR., Associate Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1954.

EKEY, DAVID C., Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta 13, Ga. 1954.

EKSE, MARTIN, Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1947.

EKSTROM, RALPH E., Research Associate, Engineering Mechanics, University of Florida, Gainesville, Fla. 1958.

ELBERFELD, JOHN, Dean of the College, Worcester Junior College, Worcester, Mass. 1952.

ELBIN, GUY H., County Engineer, Franklin County, Ohio, Columbus, Ohio. 1924.

ELCONIN, VICTOR, Dean, College of Engineering, West Coast University, Los Angeles, Calif. 1949.

ELDER, GEORGE, College Employment Coordinator, Personnel Department, New York Telephone Company, New York, N. Y. 1957.

ELDRIDGE, WINFIELD H., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1956.

ELEVATORSKI, EDWARD A., Assistant Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1957.

ELGIN, JOSEPH C., Dean, Engineering School and Professor of Chemical Engineering, Princeton University, Princeton, N. J. (*Member of Council, 1942–46.*) 1931.

ELIAS, EDWARD M., Administrative Head, York Center, Pennsylvania State University, Raintree Road, York, Pa. 1952.

ELIASSEN, ROLF, Professor of Sanitary Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. *Fifth Recipient, George Westinghouse Award (1950).* 1948.

ELITHARP, RICHARD M., Specialist— Engineering Education HMEE, General Electric Co., Syracuse, N. Y. 1958.

ELKINS, RICHARD L., Instructor in Mechanical Engineering, University of Maryland, Kensington, Md. 1956.

ELL, CARL S., President, Northeastern University, Boston, Mass. (*Member of Council, 1940–43.*) 1917.

ELLER, ARTHUR L., Instructor in Engineering, Los Angeles City College, Los Angeles 26, Calif. 1952.

ELLER, CHARLES M., Assistant Professor of Engineering Drawing, Arlington State College, Arlington, Tex. 1957.

ELLINGSON, MARK, President, Rochester Institute of Technology, Rochester, N. Y. 1944.

ELLIOTT, BEN G., Professor and Chairman of Mechanical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1931–34.*) 1912.

ELLIOTT, EUGENE C., Assistant Professor of Humanistic-Social Studies, University of Washington, Seattle 5, Wash. 1958.

ELLIOTT, HAMILTON Y., Division Supervisor, Commercial Department, Ohio Bell Telephone Company, Bexley, Ohio. 1954.

ELLIOTT, JAMES, BROTHER, Instructor in Electrical Engineering, Manhattan College, New York, N. Y. 1957.

ELLIOTT, MARTIN A., Director, Institute of Gas Technology, Illinois Institute of Technology, Chicago, Ill. 1954.

ELLIS, JAMES L., Professor of Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1945.

ELLIS, PIERCE G., Assistant to the President, **Wisconsin Public Service Corp., Milwaukee, Wis. 1949.**

ELLITHORN, HAROLD E., Professor and Head of Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1941.

ELMER, ROBERT W., Assistant Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

ELMERGREEN, GEORGE L., Associate Professor of Electrical Engineering, University of Wisconsin-Milwaukee, Milwaukee, Wis. 1951.

ELNAN, ODIN, Assistant Professor of Aeronautical Engineering, University of Cincinnati, Cincinnati, O. 1956.

ELROD, JOHN T., Professor and Chairman of Industrial Engineering, University of Houston, Houston, Tex. 1949.

ELROD, STEPHEN, B., Professor of Engineering Graphics, Purdue University, Lafayette, Ind. 1940.

ELSESSER, THADDEUS M., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1954.

ELSEVIER, ERNEST, Associate Professor of Mechanical Engineering, Duke University, Durham, N. C. 1951.

ELSEY, EDWARD E., Professor of Engineering Research, University of Kentucky, Lexington, Ky. 1951.

EL-WAKIL, M. M., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison 6, Wis. 1958.

ELY, JOHN A., Adjunct Professor of Civil Engineering (Retired), Cooper Union, New York City 27, N. Y. *Life member.* **1914.**

EMBER, GEORGE, Assistant Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1958.

EMBERSON, RICHARD M., Assistant to the President, Associated Universities, Incorporated, New York, N. Y. 1954.

EMBLER, WELLER B., Professor of English, Head, Dept. of Humanities, Cooper Union, New York City. 1945.

EMBRY, BERTIS L., Professor of Electrical Engineering, Utah State University, Logan, Utah. 1956.

EMCH, PAUL I., Manager, Recruiting, Linde Company, Division of Union Carbide Corporation, New York, N. Y. 1958.

EMERSON, HOWARD P., Professor and Head of Industrial Engineering, University of Tennessee, Knoxville, Tenn. 1948.

EMERSON, RALPH A., Industrial Relations Supervisor, E. I. du Pont de Nemours & Co., Wilmington, Del. 1954.

EMERSON, WALTER D., Head of Engineering Management, Norwich University, Northfield, Vt. 1920.

EMERY, CHARLES L., Principal in Division of Applied Science, Waterloo College, Waterloo, Ontario, Canada. 1956.

EMERY, DURWARD L., Alcoa Research Laboratories, P. O. Box 497, East St. Louis, Ill. 1947.

EMERY, WILLIS L., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1958.

EMMERSON, GEORGE S., Senior Engineer, Atomic Energy, Canadian Westinghouse, Ancaster, Ontario, Canada. 1952.

EMMONS, HOWARD W., Head of Mechanical Engineering, Harvard University, Cambridge, Mass. 1957.

EMMONS, WALTER J., Assistant Dean and Secretary, College of Engineering, Associate Professor of Highway Engineering, University of Michigan, Ann Arbor, Mich. 1923.

ENBURG, JACK T., R. R. Number 1, Box 55, Danville, Iowa. 1943.

ENDSLEY, LOUIS E., Lecturer in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. *Life Member.* 1907.

ENELL, JOHN W., Director, Information Service and Surveys Department, American Management Association, New York, N. Y. 1949.

ENEY, WILLIAM J., Professor of Civil Engineering, Head, Dept. of Civil and Mechanical Engineering, and Director, Fritz Engineering Laboratory, Lehigh University, Bethlehem, Pa. 1938.

ENFIELD, JOHN W., Assistant Professor of Engineering, Chico State College, Chico, Calif. 1958.

ENG, SIDNEY E., Area Supvr., Institutional Approvals Vets. Training, State Board of Vocational Ed., 160 N. LaSalle, Room 1807, Chicago, Ill. 1946.

ENGEBRETSON, HELEN, Associate Professor of Mathematics, South Dakota State College, Brookings, S. Dak. 1956.

ENGELMANN, RICHARD H., Associate Professor of Electrical Engineering, University of Cincinnati, Cincinnati, Ohio. 1949.

ENGELUND, ANKER, Director, Tekniske Holskole of Denmark, Copenhagen, Denmark. 1947.

ENGESSER, WILLIAM F., Professor of Industrial Engineering, Oregon State College, Corvallis, Ore. 1949.

ENGLE, JOHN F., Assistant Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1958.

ENGLER, KYLE, Professor and Head, Agricultural Engineering Dept., University of Arkansas, Fayetteville, Ark. 1949.

ENGLER, LESLIE W., Dean of Administration, The City College of The College of the City of New York, New York 31, N. Y. 1958.

ENGLISH, JOHN M., 1140 Chantilly Road, Los Angeles 24, Calif. 1948.

ENGLISH, MARVIN L., Associate Professor of Mechanical Engineering, University of Cincinnati, Cincinnati, Ohio. 1957.

ENGLUND, JAMES S., Assistant Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1958.

ENGLUND, JOHN E., Professor of Mechanical Engineering, Columbia University, New York 27, N. Y. 1957.

ENGMAN, CHARLES A., Associate Professor of Engineering, University of Hawaii, Honolulu 14, Hawaii. 1958.

ENGWICHT, HARRY M., Professor of Electrical Engineering, San Jose State College, San Jose, Calif. 1953.

ENO, RICHARD SCORSE, Associate Professor, New York State Agricultural and Technical Institute, Canton, New York. 1958.

ENSIGN, NEWTON E., Professor Emeritus of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (Home: 727 Oregon Avenue, Palo Alto, Calif.) *Life Member.* 1915.

ENSLOW, RIDLEY M., JR., Editor, Technical Book Department, The Macmillan Company, 60 Fifth Avenue, New York, N. Y. 1953.

ENTWISLE, FRANK N., Professor Emeritus, Newark College of Engineering, Newark, N. J. 1927.

EPPELSHEIMER, DANIEL S., Professor of Metallurgical Engineering, Missouri School of Mines, Rolla, Mo. 1940.

EPPENSTEIN, WALTER, Assistant Professor of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1954.

EPPERS, WILLIAM C., JR., Assistant Professor of Electrical Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1958.

EPPES, JAMES VAN D., Associate Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1951.

EPPLE, ARNET B., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

EPSTEIN, DAVID J., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

EPSTEIN, MAX, Associate Research Engineer, Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1957.

ERB, PAUL W., Circulation Manager, *Chemical Engineering, Chemical Week,* McGraw-Hill Publishing Company, New York, N. Y. 1955.

ERBACH, WALTER C., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1947.

ERDMAN, FREDERICK S., Professor of Thermal Engineering, Cornell University, Ithaca, N. Y. 1952.

ERDOSS, BELA K., President, The Korfund Company, Incorporated and The Federal Shockmount Corporation, Long Island City, New York. 1945.

ERICKSON, FREDERICK K., Senior Sanitary Engineer, DSES, U. S. Public Health Service, Kensington, Md. 1949.

ERICKSON, WILLIAM H., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1945.

ERICSON, ELVIN G., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1948.

ERKILETIAN, DICKRAN H., JR., Associate Professor of Mathematics, Missouri School of Mines, Rolla, Mo. 1951.

ERMENC, JOSEPH J., Professor of Mechanical Engineering Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1941.

ERNEMAN, HANS G., Professor and Head of Mechanical Engineering and Engineering Mechanics, Lawrence Institute, Detroit, Mich. 1947.

ERNST, EDWIN H., Assistant Professor of English and General Studies, Purdue University, Indianapolis, Ind. 1949.

ERNST, GEORGE C., Professor of Civil Engineering, Director of Engineering Experiment Station, University of Nebraska, Lincoln, Neb. 1930.

ERNST, ROBERT C., Dean of Speed Scientific School, University of Louisville, Louisville, Ky. (*Member of Council, 1939–42.*) 1932.

ERTEZA, AHMED, Assistant Professor of Electrical Engineering, Bradley University, Peoria, Ill. 1958.

ESHER, FREDERICK N., Assistant Professor of Engineering, Penn State University Center, Highacres, Hazleton, Pa. 1955.

ESHBAUGH, CLIFFORD W., Associate Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1946.

ESMAY, MERLE L., Professor of Agricultural Engineering, Michigan State University, East Lansing, Mich. 1952.

ESPY, WILLIAM N., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1943.

ESSIGMANN, MARTIN W., Professor and Head of Electrical Engineering, Northeastern University, Boston, Mass. 1941.

ESSLER, WARREN O., Assistant Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1955.

ESTCOURT, VIVIAN F., General Superintendent of Steam Generation, Pacific Gas and Electric Company, San Francisco 6, Calif. 1958.

ESTRIN, HERMAN A., Professor of English, Newark College of Engineering, Newark, N. J. 1948.

ESTRIN, JOSEPH, P.T.S., Du Pont and Company, Wilmington, Del. 1954.

ETEMAD, GALEN A., 1519 21st Ave., San Francisco 22, Calif. 1955.

ETTER, CHARLES G., JR., Associate Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1957.

ETTER, LEONARD R., Assistant Professor of Physics, Indiana Technical College, Fort Wayne, Ind. 1957.

ETTINGER, HARRY J., Assistant Sanitary Engineer, National Institutes of Health, Public Health Service, Silver Spring, Md. 1956.

ETTINGER, RICHARD P., JR., Publisher and President, Wadsworth Publishing Company, 431 Clay Street, San Francisco 11, Calif. 1957.

ETTORRE, JAMES E., Instructor in Mechanical Engineering, Bridgeport Engineering Institute, Bridgeport, Conn. (Home address: 458 West Water Street, Elmira, N. Y.) 1949.

EUBANKS, WILLIAM H., Associate Professor of Engineering Drawing, Mississippi State University, State College, Miss. 1950.

EUSTIS, IRVING N., Assistant Professor in Engineering Drawing, University of Alabama, University, Ala. 1957.

EUSTIS, ROBERT H. Associate Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1956.

EVALDSON, RUNE L., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1956.

EVANS, CLARENCE H., Senior Consultant, Engineering Dept., E. I. du Pont de Nemours & Co., Wilmington 98, Del. 1952.

EVANS, DAVID A., Supervising Engineer, Technical Publication Department, National Tube Division, Pittsburgh, Pa. 1956.

EVANS, F. H., District Supt. (Retired), N. Y. State Employment Service, Poughkeepsie, N. Y. *Life Member.* 1907.

EVANS, FRANK E., Senior Instructor in Electrical Engineering, Westchester Community College, White Plains, N. Y. 1950.

EVANS, H. S., Dean Emeritus of Engineering, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. (Home: 1301 Grandview Avenue, Boulder, Colo.) (*President, 1931–32; Vice President, 1920–21; Member of Council, 1931–46.*) *Life Member.* 1905.

EVANS, JAMES P., *Lecturer in Mathematics,* Instructor in Basic Courses, Capitol Radio Engineering Institute, Washington, D. C. 1952.

EVANS, KARL H., Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1948.

EVANS, NORMAN A., Head of Agricultural Engineering, Colorado State University, Fort Collins, Colo. 1954.

EVANS, THOMAS H., Dean of Engineering, Colorado State University, Fort Collins, Colo. 1936.

EVANS, WESTON S., Dean, College of Technology, University of Maine, University of Maine, Orono, Maine. 1922.

EVERETT, FRANKLIN L., Associate Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1939.

EVERILL, RICHARD T., Employment Manager, Personnel Department, Carrier Corporation, 300 S. Geddes St., Syracuse 1, N. Y. 1954.

EVERITT, WILLIAM L., Dean of Engineering, University of Illinois, Urbana, Ill. (*President, 1956–57; Vice President, 1953–55. Thirtieth Recipient Lamme Medal, 1957.*) 1927.

EVINGER, M. I., Professor Emeritus of Civil Engineering, University of Nebraska, Lincoln, Nebr. (*Life member.*) 1926.

EWELL, RAYMOND, Vice Chancellor for Research, University of Buffalo, Buffalo, N. Y. 1958.

EWING, D. D., Professor Emeritus of Electrical Engineering, Purdue University, Lafayette, Ind. *Life Member.* 1910.

EWING, DONALD J., JR., Associate Professor of Electrical Engineering, University of Toledo, Toledo, Ohio. 1957.

EWING, S. BLAINE, Associate Professor of English, Lehigh University, Bethlehem, Pa. 1957.

EYE, JOHN D., Associate Professor of Civil Engineering, University of Cincinnati, Cincinnati, Ohio. 1949.

EYER, PATRICIA H., Instructor in Mathematics and Science, Tri-State College, Angola, Ind. 1957.

EYERMANN, LOUIS M., Teacher of Mathematics, du Pont Manual High School, Louisville, Ky. 1957.

EYRE, THOMAS T., Professor of Mechanical Engineering, Retired, University of Southern California, Los Angeles, Calif. *Life member.* 1909.

EYROLLES, MARC, President Directeur Général, Ecole Spéciale des Travaux Publics du Batiment et de L'Industrie, Paris, France. 1947.

EZEKIEL, FREDDIE D., Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1955.

Fabel, Donald C., Professor and Chairman, Dept. of Mechanical and Metallurgical Engineering, Fenn College, Cleveland 18, Ohio. 1930.

Fabian, Edward S., Professor and Head of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1950.

Fabian, R. Craig, Supervisor of University Relations, Westinghouse Electric Corporation, East Pittsburgh, Pa. 1956.

Fabrycky, Wolter J., Instructor in Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1958.

Fadum, Ralph E., Professor and Head, Civil Engineering Dept., North Carolina State College, Raleigh, N. C. 1944.

Fage, John H., Instructor in Engineering, Pittsburgh Technical Institute, Pittsburgh 22, Pa. 1955.

Fahnestock, Maurice K., Research Professor of Mechanical Engineering, and Chairman of Physical Environment Unit, University of Illinois, Urbana, Ill. 1943.

Fahien, Raymond W., Associate Professor of Chemical Engineering, Iowa State College, Ames, Iowa. 1956.

Faigenbaum, Harold M., Professor of Inorganic Chemistry and Associate Head, Dept. of Chemistry, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Faiman, Robert N., Dean of Technology, University of New Hampshire, Durham, N. H. 1950.

Fair, Gordon M., Professor of Sanitary Engineering, Harvard University, Cambridge, Mass. 1926.

Fairbanks, Andrew J., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1949.

Fairbanks, Gustave E., Professor of Agricultural Engineering, Kansas State College, Manhattan, Kan. 1950.

Fairbanks, Harold V., Professor of Metallurgical Engineering, West Virginia University, Morgantown, W. Va. 1940.

Fairchild, Edward L., Associate Professor of Electrical Engineering, Wayne State University, Detroit, Mich. 1942.

Faires, Virgil M., Professor of Mechanical Engineering, United States Navy Postgraduate School, Monterey, Calif. (*Member of Council 1939–42.*) 1925.

Fairfield, John G., Professor Emeritus of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. (Home address: 75 Euclid Avenue, Troy, N. Y.) 1922.

Fairman, Floyd I., Vice President of Customer Service and Advertising, Kentucky Utilities Company, 120 South Limestone Street, Lexington, Ky. 1957.

Fairman, Seibert, Professor of Engineering Sciences, Purdue University, Lafayette, Ind. (*Member of Council, 1941–44.*) 1921.

Fairman, Wirt H., Librarian, Indiana Technical College, Ft. Wayne, Ind. 1957.

Fales, Allen R., Instructor in Mechanical Engineering, Westchester Community College, White Plains, N. Y. 1954.

Falls, Eugene, K., Consulting Engineer, Port Huron, Mich. 1941.

Famularo, Joseph J., Director of Employee Relations, Columbia Gas System Service Corporation, 120 East 41st Street, New York 3, N. Y. 1956.

Fanning, Clyde L., Assistant Department Chairman, Machine & Wood Shops, General Motors Institute, Flint, Mich. 1950.

Farber, Erich A., Professor of Mechanical Engineering and Research, University of Florida, Gainesville, Fla. 1950.

Farnham, George W., Vice President, Engineering and Technical Books, The Ronald Press Company, 15 East 26th Street, New York 10, N. Y. (*Treasurer, 1953–56.*) 1922.

Farnham, Walter E., Professor of Engineering Drawing Emeritus, Tufts University, Medford, Mass. (*Member of Council, 1930–33.*) *Life Member.* 1919.

Farquharson, F. Burt, Director, Engineering Experiment Station, Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1947.

Farquharson, Kenneth J., Assistant to Director, Grad. School, Chrysler Institute of Engr., 16245 Hartwell Ave., Detroit 35, Mich. 1950.

Farrall, Arthur W., Professor and Head, Dept. of Agricultural Engineering, Michigan State University, East Lansing, Mich. 1945.

Farrar, Clyde L., Chairman, Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1947.

Farrell, Martin B., Instructor in Mathematics, Long Beach City College, Long Beach, Calif. 1947.

Farrell, Thomas, Editor, Willow Run Laboratories, University of Michigan, Ann Arbor, Mich. 1946.

Farris, Marshall E., Dean of Engineering, University of New Mexico, Albuquerque, N. M. (*Member of Council, 1948–50.*) 1925.

Farwell, Raymond S., Jr., Assistant Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1948.

Fasake, William E., Technical Program Representative, Engineering Services, General Electric Company, Schenectady, N. Y. 1958.

Fatout, Paul, Professor of English, Purdue University, West Lafayette, Ind. 1955.

Faucett, Max A., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1935.

Faucett, Thomas R., Associate Professor of Mechanical Engineering, University of Rochester, Rochester, N. Y. 1949.

Faulders, Charles R., Research Specialist, Missile Division, North American Aviation, Downey, Calif. 1957.

Faulds, Arthur H., Assistant Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1953.

Faunce, Stuart F., Director of Research, Engineering and Research Division, John Wood Company, Iorio Court, Union, N. J. 1954.

Fay, Douglas P., Associate Professor of Civil Engineering, University of Vermont, Burlington, Vt. 1947.

Fazekas, Gabriel A. G. 1956.

Fead, John W. N., Associate Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1950.

Fedell, Richard L., Instructor in Engineering Mechanics, University of Wisconsin, Madison 6, Wis. 1956.

Fedorchuck, Henry N., Experiment Engineering Laboratory, Chevrolet Division, General Motors Corporation, 3044 West Grand Blvd., Detroit 2, Mich. 1952.

Fee, Harold R., Director of Placement, Alumni Association, Stevens Institute of Technology, Hoboken, N. J. 1957.

Feener, Donald H., Engineer, Mech. Div., Stone & Webster Corp., Boston, Mass. 1948.

Feeney, Edmund J., Director, Newark School of Industrial Drafting and Design, Newark, N. J. 1950.

Fegley, Kenneth A., Assistant Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (On leave.) 1956.

Fehlmann, Alfred B., Jr., Instructor in Technical Institute, University of Dayton, Dayton, Ohio. 1958.

Fehrman, Alvin L., Instructor in Mechanical Engineering, Institute of Technology, USAF, Wright Patterson AFB, O. 1956.

Feiereisen, William J., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

Feiker, Frederick M., Dean Emeritus, School of Engineering, George Washington University, Washington, D. C. Technical Director, Advisory Committee on International Technologic Assistance, National Research Council, Washington, D. C. (*Member of Council, 1937–40.*) 1936.

Fejer, Andrew A., Professor and Head, Aeronautical and Mechanical Engineering, University of Toledo, Toledo, Ohio. 1951.

Felbarth, Wayne, Assistant Professor, Vice Chairman in Engineering Drawing, University of Detroit, Detroit, Mich. 1949.

Feldman, Marvin J., Coordinator, Cogswell Polytechnic College, San Fransico, Calif. 1957.

Feldman, Walter, Sales Engineer of Education Department, Charvoz-Roos Corporation, Clifton, N. J. 1957.

Felgar, Robert P., Jr., Engineer in Mechanics of Materials, General Electric Company, Schenectady, N. Y. 1947.

Fellers, Rufus G., Professor and Chairman of Electrical Engineering, University of South Carolina, Columbia, S. C. 1955.

Fellinger, Robert C., Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1950.

Fellows, Douglas M., Administrative Director, Ward School of Electronics, University of Hartford, Hartford, Conn. 1957.

Fellows, Julian R., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1937.

Fellows, Robert D., Associate Professor of Mechanical Engineering, The Pennsylvania State University, University Park, Pa. 1945.

Fenaux, Louis E. F., Associate Professor of Chemistry, New Bedford Institute of Textiles and Technology, New Bedford, Mass. 1955.

Feng, Chuan C., Associate Professor of Civil Engineering, University of Mississippi, University, Miss. 1958.

Feng, Tsuan H., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1953.

Fenn, Fred H., Dean of Engineering, Louisiana State University, Baton Rouge, La. 1947.

Fenske, Merrell, R., Director, Petroleum Research Laboratory, The Pennsylvania State University, University Park, Pa. 1954.

Fenwick, Harold H., Professor of Engineering Graphics, University of Louisville, Louisville, Ky. 1927.

Feodoroff, Nicholas V., Associate Professor of Civil Engineering, Manhattan College, New York, N. Y. 1943.

Ferguson, Earl J., Assistant Professor of Industrial Engineering, Oklahoma State University, Stillwater, Okla. 1957.

Ferguson, Eugene S., Curator, Department of Science and Technology, Smithsonian Institution, Washington 25, D. C. 1946.

Ferguson, George R., III, Assistant Professor of Civil Engineering, Louisiana State University, Baton Rouge, La. 1954.

Ferguson, Olin J., Dean, College of Engineering and Architecture, Emeritus, University of Nebraska, Lincoln, Nebr. (Home: 2772 Rathbone Road, Lincoln, Nebr.) (*President, 1939–40; Vice President, 1923–24; Member of Council, 1939–46.*) *Life member.* 1908.

Ferguson, Phil M., Professor and Chairman, Dept. of Civil Engineering, University of Texas, Austin, Texas. 1930.

Ferguson, Samuel A., Manager of Mountain View Laboratories, Sylvania Corporation, Mountain View, Cal. 1949.

Feridun, Kemal K., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1953.

Fernandes, John H., Associate Professor of Mechanical Engineering, Director of Evening College, Lafayette College, Easton, Pa. 1952.

Fernow, Bernhard E., Professor Emeritus of Mechanical Engineering, Clemson College, Clemson, S. C. (Home: Peace Mountain, Highlands, N. C.) (*Life Member.*) 1929.

Ferrand, Edward F., Associate Professor of Chemical Engineering, Cooper Union, New York, N. Y. 1956.

Ferrante, William R., Assistant Professor of Mechanics, University of Rhode Island, Kingston, R. I. 1954.

Ferrel, Edward F., Assistant Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1958.

Ferrel, Woodrow L., Technician and Laboratory Assistant, Applied Science College, Ohio University, Athens, Ohio. 1948.

Ferretti, Alfred J., Professor and Chairman, Dept. of Mechanical Engineering, Northeastern University, Boston, Mass. 1925.

Ferris, Edwin A., Executive Assistant, Training Department, Combustion Engineering Inc., 200 Madison Ave., New York 16, N. Y. 1958.

Ferron, John R., Assistant Professor of Chemical Engineering, University of Delaware, Newark, Del. 1956.

Ferry, Arthur L., Branch Manager, The A. Lietz Co., 1965 North Berendo St., Los Angeles 15, Calif. 1940.

Ferzoco, Patrick H., Senior Instructor in Machine Construction and Tool Design, Wentworth Institute, Boston, Mass. 1948.

Fettahlioglu, Omer, Senior Designer of Structural Engineering, Ebasco Services, Incorporated, New York, N. Y. 1956.

Fetterley, Guy H., Engineer, Research Dept., Norton Co., Chippawa, Ont., Canada. 1946.

Fetty, Homer, Chairman of Technical Sciences, Los Angeles State College, Los Angeles 29, Calif. 1957.

Fibel, Lewis R., Dean of Students, New York City Community College, 300 Pearl Street, Brooklyn 1, N. Y. 1956.

Fich, Sylvan, Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1947.

Field, Crosby, President, Flakice Corporation, 360 Furman Street, Brooklyn 1, N. Y. 1952.

Field, James W., Assistant Professor of Mechanical Engineering, New Mexico College of A. & M., State College, N. Mex. 1957.

Field, Lester M., Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1951.

Fields, Raymond I., Associate Professor of Mathematics, Speed Scientific School, University of Louisville, Louisville 8, Ky. 1949.

Fiesenheiser, Elmer I., Professor and Director of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

Fife, John P., Head of Humanities, Stevens Institute of Technology, Hoboken, N. J. 1955.

Fife, Samuel T., Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1927.

Filson, Harry R., Director of Engineering Training, Northrop Aeronautical Institute, Inglewood, Calif. 1946.

Finch, Frank R., Professor Emeritus of Engineering Drawing, University of Michigan, Ann Arbor, Mich. (Home: 33801 Chula Vista Avenue, Dana Point, Calif.) *Life Member.* 1913.

Finch, James K., Dean Emeritus of Engineering, Columbia University, New York, N. Y. *Life Member.* 1925.

Finch, Rogers B., Assistant Director, Research Division, Rensselaer Polytechnic Institute, Troy, N. Y. 1950.

Finch, Stanley P., Professor Emeritus of Civil Engineering, University of Texas, Austin, Texas. 1935.

Fine, Albert K., Instructor in Mathematics and Engineering, College of San Mateo, San Mateo, Calif. 1958.

Fine, David M., Instructor in Science, Everett Junior College, Everett, Wash. 1958.

FINLAYSON, FRANK S., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1943.

FINDLEY, WILLIAM N., Professor of Engineering, Division of Engineering, Brown University, Providence 12, Rhode Island. 1943.

FINK, C. E., Department of Chemical Engineering, Franklin & Marshall College, Lancaster, Pa. 1948.

FINN, WILLIAM D., Instructor in Civil Engineering, University of Washington, Seattle, Wash. 1956.

FINNELL, EDWARD J., JR., Director, Engineering Extension Services, University of Alabama, University, Ala. 1958.

FINZI, LEO A., Buhl Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

FIOCCHI, FERDINAND P., Instructor in Chemistry, New Bedford Institute of Textiles and Technology, New Bedford, Mass. 1956.

FIOL, LUIS E., Associate Professor of Electrical Engineering, College of Agriculture and Mechanic Arts, Mayaguez, Puerto Rico. 1957.

FIREY, JOSEPH C., Associate Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1955.

FISCHER, DON A., Dean, School of Engineering, Washington University, St. Louis, Mo. 1941.

FISCHER, FLOYD B., General Extension Office, The Pennsylvania State University, University Park, Pa. 1953.

FISCHER, FREDERIC P., Professor and Head, Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1949.

FISCHER, RICHARD J., General Personnel Supervisor, N. W. Bell Telephone Company, Des Moines, Iowa. 1956.

FISHER, BENJAMIN A., Associate Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1948.

FISHER, DAVID A., Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1938.

FISHER, JAMES, Professor Emeritus of Mathematics, Michigan College of Mining and Technology, Houghton, Mich. *Life Member.* 1899.

FISHER, ROBERT A., Associate Professor of Chemical Engineering, University of Denver, Denver 10, Colo. 1934.

FISHER, STANLEY E., Professor and Head, Cooperative Dept. and Placement, Assistant to Dean, Speed Scientific School, University of Louisville, Louisville, Ky. 1953.

FISHMAN, SOLOMON, Professor of Electrical Engineering, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1928.

FISK, EDWARD RAY, Instructor in Adult Education Department, Orange Coast College, Costa Mesa, Calif.; and Engineer, Hydro Sec. Bechtel Corporation, Vernon, Calif. 1958.

FITCH, W. CHESTER, Professor and Head of Mechanical Engineering, Utah State University, Logan, Utah. 1939.

FITHIAN, JAMES H., Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1934.

FITTERER, G. RAYMOND, Dean, Schools of Engineering and Mines and Director of the Engineering Research Division, University of Pittsburgh, Pittsburgh 13, Pa. 1941.

FITTZ, RAYMOND U., Professor of Mechanical Engineering, Tufts University, Melrose, Mass. 1948.

FITZGERALD, DONALD F., Assistant Professor of Electrical Engineering, Mississippi State University, State College, Miss. 1958.

FITZGERALD, JOHN A., Associate Professor of Electrical Engineering, Manhattan College, New York City. 1941.

FITZGERALD, JOSEPH M., Assistant Professor of Chemistry, Newark College of Engineering, Newark, N. J. 1952.

FITZGERALD, ROBERT W., Instructor in Mechanical Engineering, Worcester Junior College, Worcester, Mass. 1958.

FITZHUGH, PARKER M., Chairman of Electricity, College of Technology, University of Houston, Houston, Tex. 1949.

FITZPATRICK, JAMES L. G., Head, Mechanical Technology, Staten Island Community College, New York, N. Y. 1957.

FLACK, JOHN E., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1958.

FLADER, FREDRIC, Assistant Professor of Industrial Engineering, University of Miami, Coral Gables, Fla. 1958.

FLAKE, GOLDEN, Assistant Professor of Physics, Purdue University Extension, Indianapolis, Ind. 1948.

FLANAGAN, LINDLEY E., JR. 1948.

FLANAKIN, H. A. MIKE, Highway Engineer, Trucking Association, 1424 Sixteenth, Washington, D. C. 1948.

FLANDERS, ROGER L., Professor and Head of Civil Engineering, Oklahoma State University, Stillwater, Okla. 1940.

FLANNERY, FRANK A., President of American Technical Institutes, Akron 8, Ohio. 1958.

FLARITY, EARL C., Staff Assistant, Personnel Department, Chrysler Corporation, Detroit 31, Mich. 1951.

FLATH, EARL H., Dean, School of Engineering, Southern Methodist University, Dallas, Texas. 1925.

FLATOW, PAUL L., Assistant Professor of Industrial Engineering, New York University, New York, N. Y. 1958.

FLECKENSTEIN, E. LOUIS, Dean of Instruction, Ohio Mechanics Institute, Cincinnati, Ohio. 1956.

FLEMING, ARTHUR P. M., Director, Research and Education Dept., Metropolitan-Vickers Electrical Co., Manchester, England. 1922.

FLEMING, PAUL, JR., Instructor in Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1957.

FLEMING, WALTER J., JR., Associate Professor of Engineering, University of Buffalo, Buffalo, N. Y. 1949.

FLETCHER, FRANK A., Professor, Head of Chemical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1947.

FLETCHER, HAROLD R., Lecturer in Electrical Engineering, Essex College, Assumption University of Windsor, 400 Huron Line, Windsor, Ont., Can. 1958.

FLETCHER, HILBERT E., Assistant Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1948.

FLETCHER, L. J., JR., Assistant Professor of Industrial Engineering, Bradley University, Peoria, Ill. 1955.

FLETCHER, LEONARD J., Vice President, Caterpillar Tractor Company (Retired), Carmel, Calif. 1958.

FLETCHER, ROBERT H., Assistant Professor of Mechanical Engineering, Texas A. & M. College, College Station, Texas. 1950.

FLIKKE, ARNOLD M., Associate Professor of Agricultural Engineering, University of Minnesota, Minneapolis, Minn. 1950.

FLINNER, ARTHUR O., Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1931.

FLINSCH, HAROLD, Professor of Civil Engineering, University of South Carolina, Columbia, S. C. (*Member of Council, 1955–57.*) 1940.

FLINT, PAUL H., Associate Professor of English, Tufts University, Medford, Mass. 1946.

FLIPSE, JOHN E., Chairman of Research Committee, Newport News Ship Building and Dry Dock Company, 145 Fairview Road, Warwick, Va. 1954.

FLOCKENSTEIN, EDWARD L., Head of Electrical Engineering Technology, Ohio Mechanics Institute, Cincinnati, O. 1956.

FLOE, CARL F., Administrative Vice Chancellor, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

Flory, Frank C., Assistant Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1948.

Fluck, Paul G., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1952.

Fober, Frederick C., Consultant, Fober and Associates, Chicago, Ill. 1954.

Focht, John A., Assistant Dean of Engineering and Professor of Civil Engineering, University of Texas, Austin, Tex. 1935.

Foecke, Harold A., Assistant Professor of Electrical Engineering, Notre Dame University, Notre Dame, Ind. 1951.

Fogarty, J. William P., Professor of General Engineering, St. Francis Xavier University, Antigonish, N. S. 1944.

Fogel, Charles M., Associate Professor of Engineering and Director, Division of General and Technical Studies, University of Buffalo, Buffalo, N. Y. 1946.

Fok, Thomas D. Y., Associate Professor of Civil Engineering, The Youngstown University, Youngstown, Ohio. 1958.

Folch, Pedro A., Professor of General Engineering, College of Agriculture and Mechanic Arts, University of Puerto Rico, Mayaguez, P. R. 1958.

Folk, Samuel B., Professor of Engineering Mechanics, The Ohio State University, Columbus, Ohio. 1921.

Folsom, Richard G., President, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

Foltz, Leroy S., Professor of Electrical Engineering, University of South Carolina, Columbia, S. C. *Life Member.* 1918.

Foncannon, Howard F., Special Assistant, Division of Scientific Personnel and Education, National Science Foundation, 1520 H Street, N.W., Washington 25, D. C. 1956.

Fondahl, John W., Assistant Professor of Civil Engineering, Standford University, Stanford, Calif. 1958.

Fontaine, William E., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1956.

Fontana, Mars, G., Professor and Chairman of Metallurgical Engineering, Ohio State University, Columbus 10, Ohio. 1947.

Foody, John J., Professor and Chairman of Marine Engineering, State University Maritime, Fort Schuyler, Bronx, New York 65, N. Y. 1952.

Foote, James H., Chief Engineer, Commonwealth Associates, Incorporated, Jackson, Mich. 1933.

Foote, Joe R., Associate Professor of Division of Engineering Science, Purdue University, West Lafayette, Ind. 1957.

Fopma, Robert J., Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1957.

Forbes, Allen H., Associate Professor of Electrical Engineering, The Pennsylvania State University, University Park, Pa. 1945.

Ford, Albert D., Sr., Professor, Dept. of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1942.

Ford, C. Quentin, Instructor in Mechanical Engineering, Michigan State University, East Lansing, Mich. 1953.

Ford, Dennis J., Associate Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1955.

Ford, Paul W., Acting Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

Foreman, John E. K., Associate Professor of Engineering Science, University of Western Ontario, London, Ontario, Canada. 1956.

Forman, George W., Assistant Professor of Mechanical Engineering, University of Kansas, Lawrence, Kan. 1956.

Fornoff, Frank J., Head of Science Section, Test Development Department, Educational Testing Service, Princeton, N. J. 1951.

Forrester, James D., Director of Arizona Bureau of Mines, Dean of College of Mines, University of Arizona, Tucson, Ariz. 1952.

Forsberg, Hugh C., Assistant Professor of Chemical Engineering, University of Louisville, Louisville, Ky. 1953.

Forsman, Marion E., Assistant Director of the Engineering and Industrial Experiment Station, College of Engineering, University of Florida, Gainesville, Fla. 1949.

Forstall, Walton, Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1957–59.*) 1941.

Forsyth, Arthur C., Associate Professor of Metallurgical Engineering, University of Illinois, Urbana, Ill. 1945.

Forsyth, Raymond A., Instructor in Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1958.

Fossum, Guilford O., Associate Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1947.

Foster, Arthur R., Associate Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1952.

Foster, Charles A. B., Professor of Engineering and Manager, Richmond Branch, Virginia Polytechnic Institute, Richmond, Va. 1943.

Foster, Charles I., Professor of Social Studies, North Carolina State College, Raleigh, N. C. 1951.

Foster, Chester, Instructor in Engineering Drawing, Michigan College of Mining and Technology, Houghton, Mich. 1956.

Foster, Clyde L., President, Central Technical Institute, Kansas City, Mo. 1948.

Foster, Donald V., Penn State University Center, Highacres, Hazleton, Pa. 1953.

Foster, Edward Staniford, Jr., Professor, Engineering Physics, University of Toledo, Toledo 6, Ohio. 1949.

Foster, Eugene L., President, Foster-Miller Associates, Watertown, Mass. 1953.

Foster, F. Leroy, Director, Division of Sponsored Research, Massachusetts Institute of Technology, Cambridge, Mass. 1955.

Foster, John E., President, New Bedford Institute of Textiles and Technology, New Bedford, Mass. 1952.

Foster, Robert C., Box 903, La Mesa, Calif. 1953.

Foulon, Charles F., Curricular Chairman—Surveying, Oregon Technical Institute, Klamath Falls, Ore. 1958.

Fountain, Alvin M., Professor of English, North Carolina State College, Raleigh, N. C. 1937.

Fouraker, Raymond S., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1929.

Fowler, Charles Addison, III, Associate Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1957.

Fowler, Howard G., Assistant Professor of Industrial Management, Alabama Polytechnic Institute, Auburn, Ala. 1948.

Fowler, Richard G., Chairman of Engineering Physics, University of Oklahoma, Norman, Okla. 1957.

Fowler, Russell W., Associate Professor of Mechanical Engineering, Extension Division, University of Wisconsin, Madison, Wis. 1934.

Fowlkes, Charless W., Instructor in Mechanical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

Fox, Beauvis B., Jr., Instructor in Engineering Economy, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1943.

Fox, Edward A., Assistant Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1954.

Fox, Frederick H., Professor and Head, Dept. of Civil Engineering, Tulane University of Louisiana, New Orleans, La. 1922.

Fox, Gerald W., Professor and Head of Physics, Iowa State College, Ames, Iowa. 1957.

Fox, Jay, Instructor in Engineering, West Contra Costa Junior College, San Pablo, Calif. 1956.

FOX, RAYMOND R., Senior Structural Engineer, Daniel, Mann, Johnson and Mendenhall and Associates, Temple City, Calif. 1954.

FOX, SAMUEL, Assistant Professor of Accountancy, Illinois Institute of Technology, Chicago 16, Ill. 1948.

FOXWELL, WILLIAM H., Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1946.

FRAD, WILLIAM A., Associate Professor of Metallurgical Engineering, Missouri School of Mines, Rolla, Mo. 1953.

FRANCIS, ALBERT D., Assistant Professor of Mechanical Engineering, North Dakota State College, Fargo, N. Dak. 1958.

FRANCIS, LYMAN L., Associate Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1950.

FRANCIS, LUTHER V., Instructor in Engineering, Prairie View Agricultural and Mechanical College, Prairie View, Texas. 1958.

FRANCIS, WILLIAM H., Associate Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1949.

FRANCK, CLARENCE C., SR., Consulting Engineer, Steam Division, Westinghouse Electric Corporation, Lester P. O., Philadelphia, Pa. 1953.

FRANGIPANE, LOUIS J., Industrial Engineer, Training and Education Department, Kearfott Company, Incorporated, Clifton, N. J. 1956.

FRANK, A. J., Assistant Professor of Geology and Geological Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1946.

FRANK, ERNEST, Executive Officer of Electrical Engineering, George Washington University, Washington, D. C. 1956.

FRANK, NATHANIEL H., Head of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

FRANTI, CHARLES E., Instructor in Mathematics, Michigan College of Mining and Technology, Houghton, Mich. 1958.

FRANTILLA, WILLIAM L., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

FRANZEL, EARL J., Navy Air Missile Test Center, 3137 Armada Dr., Ventura, Calif. 1950.

FRANZINI, JOSEPH, B., Associate Professor of Civil Engineering, Stanford University, Stanford, Cal. 1949.

FRASCH, JOSEPH F., Director, Franklin University, Columbus, Ohio. 1953.

FRASER, BURT, Instructor in General Engineering, University of Houston, Houston, Texas. 1949.

FRASER, HARVEY R., Colonel U. S. Army, Professor of Mechanics, United States Military Academy, West Point, N. Y. 1954.

FRASER, RUSSELL E., Editor, John Wiley & Sons, Incorporated, 440 Fourth Avenue, New York 16, N. Y. 1956.

FRAZER, JOHN R., Associate Professor of Business Administration, Clarkson College, Potsdam, N. Y. 1951.

FRAZIER, DOZIA N., JR., Graduate Student, Registered Professional Engineer, 7344 Lemington Avenue, Pittsburgh, Pa. 1957.

FRAZIER, RICHARD H., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927.

FREBERG, C. R., Professor and Head of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1943.

FRECHETTE, VAN DERCK, Professor of Ceramic Technology, N. Y. State College of Ceramics, Alfred University, Alfred, N. Y. 1953.

FREDERICK, MELVIN E., Patent Counsel, Ordnance Research Laboratory, Pennsylvania State University, University Park, Pa. 1954.

FREDERICK, MICHAEL, Associate Professor of Chemical Engineering, Newark College of Engineering, Newark, N. J. 1943.

FREEL, WILFRED I., Chief Advisor, Purdue Team, c/o Army Section Artillery School, APO 63, San Francisco, Calif. 1928.

FREEMAN, DAVID RODGER, Instructor in Industrial Engineering, Northeastern University, Boston, Mass. 1958.

FREEMAN, JACK, Industrial Management Consultant, 2316 Greer Road, Palo Alto, Calif. 1953.

FREEMAN, LEONARD M., Division Manager, Retired, B. F. Goodrich Co., Akron, Ohio. (Home address: Box 4125, St. Petersburg 31, Fla.) 1947.

FREEMAN, NEWELL L., Secretary, Board of Examiners, Professional Engineers & Land Surveyors, New York State Education Dept., 23 S. Pearl St., Albany 7, N. Y. 1950.

FREEMAN, RALPH L., Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1948.

FREEMYERS, RUSSELL L., Assistant Professor of Engineering, Chico State College, Chico, Calif. 1956.

FREGETTO, DOUGLAS F., Assistant Professor of English, Milwaukee School of Engineering, 1025 North Milwaukee Street, Milwaukee, Wis. 1953.

FREMED, RAYMOND F., Associate Editor, Engineering Practice, "Chemical Engineering," Far Rockaway 91, N. Y. 1958.

FRENCH, ALBERT E., Director, New York State Agricultural and Technical Institute, Canton, N. Y. 1948.

FRENCH, JAMES L., Mechanical Engineering, University of Illinois, Urbana, Ill. 1957.

FRENCH, ORVAL C., Professor and Head, Dept. of Agricultural Engineering, Cornell University, Ithaca, N. Y. *(Member of Council, 1952–54.)* **1940.**

FREUND, C. J., Dean, College of Engineering, University of Detroit, Detroit, Mich. (On leave: Okahoma-Pakistan Technical Education Program, c/o Ford Foundation, P. O. Box 7282, Karachi 3, West Pakistan.) *(Member of Council, 1941–44, 1946–52; Vice President. 1946–48; President, 1948–49.)* 1932.

FREY, AUSTIN R., Professor and Chairman, Dept. of Physics, U. S. Naval Postgraduate School, Monterey, Calif. 1951.

FREY, KURT P. H., Professor of Engineering Mechanics, University of Delaware, Newark, Del. 1956.

FRIEDERICH, ALLAN G., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1949.

FRIEDLAENDER, FRITZ J., Assistant Professor, Electrical Engineering, Purdue University, Lafayette, Ind. 1955.

FRIEDRICH, LAWRENCE M., Professional Engineer, P. O. Box 293, Coldwater, Mich. 1938.

FRIEND, FREDERICK B., Lecturer in Applied Physics, University of Toronto, Toronto, Ont., Canada. 1952.

FRIETZSCHE, ARTHUR H., Assistant Professor of English, Utah State University, Logan, Utah. 1957.

FRISTOE, HAROLD T., Professor of Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1957.

FRITZ, DALE C., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1957.

FRIZZLE, HAROLD R., Assistant Professor of Engineering Drawing, University of Toronto, 29 Anndale Drive, Willowdale, Ontario, Canada. 1954.

FROCHT, MAX M., Research Professor of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1928.

FROEHLICH, CECILIE, Chairman of Electrical Engineering, City College of New York, New York, N. Y. 1948.

FROSLIE, HAROLD M., Professor of Physics, South Dakota State College, College Station, S. Dak. 1955.

FROSSI, PAOLO E., Electrical Engineer, Societa Edison, Milano, Italy. 1955.

FROULA, HENRY C., JR., Lecturer in Engineering, University of California, Los Angeles, Calif. 1950.

FROUNFELKER, ROBERT E., Assistant Professor of Mathematics, Marquette University, Milwaukee, Wis. 1957.

FRUSH, CHARLES O., Associate Professor, Mining Department Colorado School of Mines, Golden, Colo. (*Member of Council, 1956–.*) 1948.

FRY, FREDERIC S., Associate Professor of Mechanical Engineering, University of Denver, Denver, Colo. 1951.

FRY, HAROLD, Associate Professor of Engineering Arizona State College, Tempe, Ariz. 1946.

FRY, LOUIS E., Professor of Architecture, Howard University, Washington, D. C. 1950.

FRY, THORNTON C., Assistant to the President, Bell Telephone Laboratories, Consultant in Communications, International Telephone and Telegraph Corporation, New York, N. Y. Senior Consultant, Remington Rand Univac Division, Sperry Rand Corporation, South Norwalk, Conn. 1929.

FRYBERGER, E. L., Instructor in Electrical Engineering, California State Polytechnic College, Pomona, Calif. 1955.

FRYLING, GLENN R., Associate Editor, *Combustion*, Combustion Publishing Co., Inc., 200 Madison Ave., New York 16, N. Y. 1950.

FRYXELL, BURTON L., Head of Language Department, Michigan College of Mining and Technology, Houghton, Mich. 1955.

FUHRIMAN, DEAN K., Professor and Chairman of Civil Engineering, Brigham Young University, Provo, Utah. 1952.

FUKUSHIMA, TOSHITUKI, Instructor in Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1957.

FULLER, ALMON H., Professor Emeritus of Civil Engineering, Iowa State College, Ames, Iowa. (*Member of Council, 1914–17.*) (Home address: Wesley Gardens 235, Des Moines, Wash.) 1901.

FULLER, C. E., Professor Emeritus, Massachusetts Institute of Technology, Cambridge, Mass. 1907.

FULLER, GEORGE M., Head of Aerodynamics Design Group, Douglas Aircraft Company, Incorporated, Tulsa, Okla. 1950.

FULLER, HAROLD Q., Chairman, Professor of Physics, Missouri School of Mines, Rolla, Mo. 1951.

FULLER, LEONARD C., Engineer, Nuclear Propulsion Plant Project, Electric Boat Division, General Dynamics Corporation, Groton, Conn. 1955.

FULLER, W. DALE, Chief Engineer, Varo Manufacturing Company, Inc., Garland, Tex. 1948.

FULLERTON, HERBERT P., Adjunct Professor of Mechanical Engineering, Drexel Institute of Technology, Evening College; Project Leader, Engineering Research, Switchgear and Control Division, General Electric Company, Philadelphia, Pa. 1952.

FULLMER, DANIEL M., Instructor, Auto Body Layout, Chrysler Institute of Engineering, Detroit, Mich. 1947.

FULRATH, RICHARD M., Acting Assistant Professor of Mineral Technology, University of California, Berkeley 8, Calif. 1956.

FULTON, ALBERT M., Coordinator of Curriculum Development, General Extension Division, University of Minnesota, Minneapolis, Minn. 1957.

FULTON, ARTHUR E., Assistant Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1948.

FULTON, PAUL F., Professor of Petroleum Engineering, University of Pittsburgh, Pittsburgh, Pa. 1955.

FUNCHESS, LINWOOD E., Director of Building and Grounds, Alabama Polytechnic Institute, Auburn, Ala. 1957.

FUNG, SUI AN, Assistant Professor of Engineering, Evansville College, Evansville 14, Ind. 1958.

FURIA, JOHN J., Chief, Professional and Scientific Examination Bureau, Municipal Civil Service Commission, New York City. 1919.

FUNK, MONROE L., Civil Engineering Department, Kansas State College, Manhattan, Kan. 1958.

FURR, HOWARD L., Professor of Civil Engineering, University of Mississippi, University, Miss. 1956.

FUTRAL, SAMUEL M., JR., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1951.

FYFE, IAN M., Research Engineer, Boeing Airplane Company, 4622 57th St., Seattle 16, Wash. 1953.

GAAL, RICHARD A., Assistant Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1957.

GABRIEL, EDWIN Z., Assistant Professor of Electrical Engineering, Villanova University, Villanova, Pa. 1956.

GABRIELE, THOMAS C., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

GADBOIS, STUART E., Instructor in Mechanics, University of Connecticut, Storrs, Conn. 1958.

GADSDEN, CHRISTOPHER P., Assistant Professor of Electrical Engineering, Tulane University, New Orleans 18, La. 1958.

GAFFORD, B. NEWMAN, Professor and Chairman, Dept. of Electrical Engineering, University of Texas, Austin, Texas. 1938.

GAFFORD, WILLIAM R., Associate Professor of Civil Engineering, The University of New Mexico, Albuquerque, N. M. 1948.

GAITHER, ROBERT B., Instructor in Engineering, University of Illinois, Urbana, Ill. 1958.

GALBRAITH, E. P., Manager, Technical Personnel Placement, Hanford Atomic Products Operation, General Electric Company, Richland, Wash. 1957.

GALBRAITH, EDWARD D., Instructor in Engineering Drawing, University of Toledo, Toledo, Ohio. 1954.

GALBRAITH, R. A. HARVEY, Head of Electrical Engineering, Ottawa University, Ottawa, Canada. 1955.

GALBRAITH, RALPH A., Dean of Engineering, Syracuse University, Syracuse, N. Y. 1939.

GABRIEL, EDWIN Z., Assistant Professor of Mechanical Engineering, Villanova University, Villanova, Pa. 1956.

GALE, ALFRED R., Director of Technical Institute, Oregon Polytechnic Institute, Portland 4, Ore. 1958.

GALE, GRANT O., Professor of Physics, Grinnell College, Grinnell, Iowa. 1951.

GALL, WALTER F., Chief of Training Methods, Francis E. Warren Air Force Base, Cheyenne, Wyo. 1956.

GALLAGHER, ROBERT T., Professor and Head, Dept. of Mining Engineering, Lehigh University, Bethlehem, Pa. 1943.

GALLANT, RAYMOND A., Head of Instrumentation Department, Chevrolet Engineering Laboratory, Detroit, Mich. 1955.

GALLASCHUN, GORDON F., Supervisor of Placement and Employment, Industrial Relations, Edgar Thomson Works, Braddock, Pa. 1957.

GALLAWAY, ROBERT M., Assistant Professor of Civil Engineering, Texas A. & M. College, College Station, Texas. 1949.

GALLEN, JOHN J., Professor and Head of Civil Engineering, Villanova University, Villanova, Pa. 1940.

GALLINGTON, RALPH O., Acting Head of Applied Science, Southern Illinois University, Carbondale, Ill. 1956.

GALLO, FRANK J., Assistant Professor of Civil Engineering, and Engineering Mechanics, Fenn College, Cleveland, Ohio. 1947.

GALLOGLY, HARRY P., Civil Engineer, 3800 Eighteenth St., N.E., Washington, D. C. 1943.

GALUZEVSKI, ROSTISLAV A., 960 N. El Molino Avenue, Pasadena, Cal. 1953.

GALVIN, GEORGE M., Director of Industrial Technical Schools, Boston, Mass. 1948.

GAMBLE, WILLIAM H., Professor and Head, Dept. of Electrical Engineering, South Dakota State College, Brookings, S. D. 1931.

GAMET, MERRILL B., Professor of Civil Engineering, Northwestern Technological Institute, Evanston, Ill. 1945.

GAMMELL, JOHN, Director of Graduate Training, Allis Chalmers Manufacturing Company, Box 512, Milwaukee 1, Wis. (*Treasurer, 1955–.*) 1949.

GAMZUE, BORIS B., Assistant Professor of English, New York University, New York, N. Y. 1949.

GANT, EDWARD V., Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1943.

GANZER, VICTOR M., Professor of Aeronautical Engineering, University of Washington, Seattle 5, Wash. 1953.

GARDNER, CHARLES N., Instructor in Mechanical Engineering, Brigham Young University, Provo, Utah. 1957.

GARDNER, FRANKLIN T., Professor of Chemistry, University of Tulsa, Tulsa, Okla. 1957.

GARDNER, ROBERT A., Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1930.

GARDNER, WILLIAM H., JR., Associate Professor of Civil Engineering, Duke University, Durham, N. C. 1958.

GARIBOTTI, JOSEPH F., Instructor in Engineering Mechanics, Ohio State University, Columbus, Ohio. 1958.

GARLAND, CLYNE F., Professor of Engineering Design and Assistant Dean of Engineering, University of California, Berkeley, Cal. 1946.

GARMAN, WARREN D., Professor Emeritus of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1935.

GARRELTS, JEWELL M., Professor and Executive Officer of Civil Engineering, Columbia University, New York, N. Y. 1935.

GARRETT, CARLOS R., Assistant Professor and Head of Mechanical Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1957.

GARRETT, WILLIAM R., JR., Assistant Professor of Civil Engineering, Merrimack College, North Andover, Mass. 1958.

GARROTT, WILLIAM L., Engineer, Sperry Electronic Tube Division, Gainesville, Fla. 1954.

GARRISON, EDWARD B., Instructor in Drawing, University of Toledo, Toledo, Ohio. 1958.

GARY, JAMES H., Associate Professor of Chemical Engineering, University of Alabama, University, Ala. 1955.

GARZATAMEZ, FEDERICO, Director of Civil Engineering School, University of Nuevo Leon, Monterrey, N. L Mex. 1957.

GASKELL, ROBERT E., Head of Mathematical Research Laboratory, Boeing Airplane Company, Seattle, Wash. 1957.

GATES, CHARLES D., Associate Professor and Head of Sanitary Engineering, Cornell University, Ithaca, N. Y. 1957.

GATES, ROBERT MCF., President, Air Preheater Corp., 60 East 42nd St., New York, N. Y. 1949.

GATEWOOD, BUFORD E., Research Coordinator and Research Professor, Air Force Institute of Technology, Dayton, Ohio. 1957.

GATY, LEWIS R., Vice President of Research and Development, Philadelphia Electric Company, Philadelphia, Pa. 1953.

GAUDEFROY, HENRI, Dean of Engineering, Ecole Polytechnique, Montreal, Canada. 1942.

GAUDIN, ANTOINE M., Professor of Mineral Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1941.

GAUVIN, WILLIAM H., Associate Professor of Chemical Engineering, McGill University, Montreal, Canada. 1952.

GAY, NORMAN R., Associate Professor of Heat-Power, Cornell University, Ithaca, N. Y. 1946.

GAYLORD, CHARLES N., Professor and Chairman of Civil Engineering, University of Virginia, Charlottesville, Va. 1937.

GAYLORD, EDWIN H., Professor of Civil Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1952–54.*) 1936.

GEARING, CHARLES E., Director of Engineering Extension, Alabama Polytechnic Institute, Auburn, Ala. 1958.

GEBARDT, RICHARD F., 89–16 218th Street, Queens Village, N. Y. *In service.* 1954.

GEBHARD, JOHN C., Professor of Engineering, Lincoln Hall, Cornell University, Ithaca, New York. 1950.

GEBHART, BENJAMIN, Associate Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1954.

GEER, ELIHU, Professor and Head, Dept. of Civil Engineering, University of Detroit, Detroit, Mich. 1947.

GEHMAN, HARRY M., Professor and Head, Dept. of Mathematics, University of Buffalo, Buffalo 14, N. Y. 1941.

GEHRIG, ARTHUR G., Mechanical Design Engineer, Hycon Manufacturing Co., Pasadena, Calif. *Life Member.* 1929.

GEIGER, JOHN W., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923.

GEILS, JOHN W., Assistant to Vice President, Systems Engineering, Bell Telephone Labs, Incorporated, Murray Hill, N. J. 1953.

GELDMACHER, R. C., Associate Professor of Engineering Sc., Purdue University, Lafayette, Ind. 1948.

GENCSOY, HASAN T., Assistant Professor of Mechanical Engineering, West Virginia University, Morgantown, W. Va. 1958.

GENIN, JOSEPH, Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

GENSAMER, MAXWELL, Professor of Metallurgy, Columbia University, New York, N. Y. 1952.

GENTILE, RALPH G., Associate Professor of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1953.

GENTRY, CALVIN B., Administrative Assistant, University of Houston, Houston, Tex. 1956.

GENZLINGER, BRYCE S., Assistant Professor of Industrial Engineering, Syracuse University, Syracuse 10, N. Y. 1957.

GEORGE, JOHN M., Instructor, English, Colorado School of Mines, Golden, Colo. 1955.

GEORGE, WILLIAM C., Assistant Professor of Agricultural Engineering, Western Illinois University, Macomb, Ill. 1955.

GEORGI, CHARLES O., Owner, Charles O. Georgi Company, St. Paul, Minn. 1948.

GEORGIAN, JOHN C., Professor of Mechanical Engineering, Washington University, St. Louis 5, Mo. 1950.

GERARD, GEORGE, Assistant Director of Research Division, College of Engineering, New York University, New York, N. Y. (*First Recipient, Curtis W. McGraw Research Award, 1957.*) 1949.

GERARDI, JASPER, Assistant Dean, College of Engineering, University of Detroit, Detroit, Mich. (*Member of Council, 1958–.*) 1929.

GERDOM, HENRY F., Instructor in Engineering Graphics, Purdue University, Lafayette, Ind. 1957.

GERDE, CLIFFORD S., Assistant Chief of Naval Engineering, United States Coast Guard, Lothian, Md. 1957.

GERHARD, EARL R., Associate Professor and Acting Head of Chemical Engineering, University of Louisville, Louisville, Ky. 1953.

GERHART, PAUL L., Assistant to the President, RCA Institute, 350 West 4th St., New York 14, N. Y. 1948.

GERLOUGH, DANIEL L., Associate Professor of Engineering, University of California, Los Angeles, Los Angeles, Cal. 1950.

GERMAN, JOHN P., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex. 1958.

GERMANO, FRANK J., Head of Civil Engineering, Louisiana State University, Baton Rouge, La. 1949.

GERSHON, JOSEPH J., Director of Resident Instruction, DeVry Technical Institute, Chicago, Ill. 1952.

GERSHUN, THEODORE L., Associate Professor of Mechanical Engineering, University of Southern California, Los Angeles, Cal. 1949.

GERSTER, JACK A., Professor of Chemical Engineering, University of Delaware, Newark, Del. 1947.

GERTZ, FRED H., Dean of Men, Alfred University, Alfred, N. Y. 1939.

GESUND, HANS, Assistant Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1958.

GEVECKER, VERNON A. C., Assistant Dean, Missouri School of Mines, Rolla, Mo. 1948.

GEYER, MANVEL A., Instructor in Electrical Engineering, Ohio Northern University, Ada, Ohio. 1958.

GIANNINY, OMER A., JR., Acting Assistant Professor of English, University of Virginia, University, Va. 1956.

GIAROLA, ATTILIO J., Instructor in Electrical Engineering, Seattle University, Seattle, Wash. 1958.

GIBBONS, HUGH P., Assistant Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1958.

GIBBS, ROBERT H., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1958.

GIBBS, RUSSELL E., Dean of Engineering, Bradley University, Peoria, Ill. 1931.

GIBSON, AUBREY W., Assistant Professor of Mechanical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1957.

GIBSON, GEORGE W., Chief Engineer and Director of Car Product-Engineering, Dodge Division, Chrysler Corporation, Detroit, Mich. 1950.

GIBSON, JOHN E., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1954.

GIBSON, JOHN O., JR., Instructor in Engineering, San Antonio College, San Antonio, Texas. 1949.

GIBSON, MADELEINE, Librarian, Michigan College of M. & T., Houghton, Mich. 1945.

GIBSON, NELSON W., Supervisor of Personnel, Sylvania Electric Products, Inc., Bayside, N. Y. 1949.

GIDDINGS, HORACE A., Professor and Chairman, Dept. of Mathematics, New York University, New York, N. Y. 1949.

GIDLEY, PHILIP T., President, Gidley Research Institute, Fairhaven, Mass. 1958.

GIDZINSKI, JOSEPH D., Assistant Commissioner of Building, Town of Amherst, Williamsville 21, N. Y. 1948.

GIEDT, WARREN H., Associate Professor of Mechanical Engineering, University of California, Berkeley, Cal. 1953.

GIET, GEORGE R., Chairman of Electronics, U.S.N. Postgraduate School, Monterey, Calif. 1953.

GIFT, W. EDGAR, Supt. of Personnel, Tennessee Eastman Corp., Kingsport, Tenn. 1948.

GILBERT, MERTON L., Chairman, Product Service, General Motors Institute, Flint, Mich. 1949.

GILBERT, NATHAN, Associate Professor of Chemical Engineering, University of Cincinnati, Cincinnati, Ohio. 1957.

GILBERT, WILLIAM F., Assistant Professor of Physics, Michigan College of Mining and Technology, Houghton, Mich. 1956.

GILBRECH, DONALD A., Associate Professor of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1955.

GILBRETH, LILLIAN M., President, Gilbreth, Inc., Montclair, N. J. 1938.

GILDEA, R. E. L., Professor of Civil Engineering, University of Virginia, Charlottesville, Va. 1946.

GILES, ARTHUR G., Design Engineer, Industrial Crane & Horst Ingersall Division, Borg Warner Corporation, Chicago, Ill. 1947.

GILES, RANALD V., Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

GILKESON, MURRAY M., Associate Professor of Chemical Engineering and Supervisor, Division of Chemical Engineering Practice, Tulane University, New Orleans, La. 1952.

GILKEY, HERBERT J., Professor Department of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. (*Vice President, 1943–44; Member of Council, 1936–39.*) 1922.

GILL, JOHN D., Associate Professor of Mechanical Engineering, University of Miami, Miami, Fla. 1952.

GILLAN, GERALD K., Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1946.

GILLAN, MARTIN J., Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1947.

GILLESPIE, S. L., Head of Advanced Science Education, Hughes Aircraft Company, Florence & Teale Streets, Culver City, Cal. 1958.

GILLETTE, EDWARD C., JR., Colonel, USA, Professor of Physics and Chemistry, U. S. Military Academy, West Point, N. Y. 1947.

GILLILAND, HUGH R., Instructor in Engineering Drawing, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

GILMORE, ARTHUR W., Head, Aeronautical Group, Grumman Aircraft Engineering Corporation, P. O. Box 179, Satterly Road, East Setauket, L. I., New York. 1956.

GILPIN, CHARLES A., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1941.

GIORDANO, ANTHONY B., Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

GINNINGS, ROBERT M., Instructor in Electrical Engineering, University of Maryland, College Park, Md. 1958.

GIRVIN, HARVEY F., Professor Emeritus of Engineering Sciences, Purdue University, Lafayette, Ind. (Home: 4411 Westwood Lane, Oyster Bay Estates, Sarasota, Fla.) *Life Member.* 1927.

GIROUX, VINCENT A., Assistant Professor of Engineering, Los Angeles State College, Los Angeles, Calif. 1958.

GISSER, DAVID G., Assistant Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1950.

GITZENDANNER, FRED A., Associate Director, Engineering Research Department, Standard Oil Company (Indiana), Whiting, Ind. 1955.

GJESDAHL, MAURICE S., Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1938.

GLASGOW, ROY S., Dean, U. S. Naval Post-Graduate School, Monterey, Calif. (*Member of Council, 1950–52.*) 1939.

GLASS, ELWOOD G., JR., Coordinator of Recruitment, Personnel Relations, The Standard Oil Company (Ohio), 1524 Midland Building, Cleveland 15, Ohio. 1956.

GLAVIN, EDMOND J., Instructor in Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1958.

GLEASON, JAMES G., 2344 Federal Avenue, North, Seattle 2, Wash. 1940.

GLEASON, PAUL R., Professor of Physics, University of Redlands, Redlands, Calif. 1957.

GLEESON, GEORGE W., Dean, School of Engineering, Oregon State College, Corvallis, Ore. 1939.

GLENN, CARROLL J., Executive Assistant to the Deans, St. Louis University of Technology, St. Louis, Mo. 1955.

GLENN, GEORGE R., Assistant Professor of Applied Science, Southern Illinois University, Carbondale, Ill. 1953.

GLENN, HOWARD E., Director of Planning, Clemson College, Clemson, S. C. 1939.

GLENN, W. DAVID, Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1944.

GLENN, WILLIAM A., Instructor in Mechanical Engineering, Pennsylvania State University, Dubois Center, University Park, Pa. 1957.

GLENN, WILLIAM H., Assistant Coordinator in Mathematics, Pasadena City Schools, Pasadena, Cal. 1947.

GLENNAN, T. KEITH, President, Case Institute of Technology, Cleveland, Ohio. 1945.

GLESS, GEORGE E., JR., Assistant Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1950.

GLICKMAN, MENDEL, Professor, College of Engineering, University of Oklahoma, Norman, Okla. 1958.

GLISSON, CHARLES O., Assistant Professor of Mechanical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1956.

GLOVER, EDWARD C., Professor of Electrical Engineering, San Jose State College, San Jose, Calif. 1949.

GLOVER, LEONARD E., Lecturer in Mechanical and Civil Engineering, Woolwich Polytechnic, London, S.E., England. 1947.

GLOWER, DONALD D., Assistant Professor of Engineering Drawing, Iowa State College, Ames, Ia. 1958.

GLUCK, SAMUEL E., Instructor, New School for Social Research, School of Politics, and Adjunct Instructor in Philosophy, Rutgers University, New Brunswick, N. J. 1958.

GLYSSON, EUGENE A., Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1958.

GO, MATEO L. P., Assistant Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1958.

GO, POK OEN, Chief Lecturer and Engineer, University of Indonesia, Bandung, Indonesia. 1957.

GODDARD, WILLIAM E., Vice President, Canadian Institute of Science & Technology, Ltd., Toronto, Ontario, Can. 1952.

GODFREY, WILLIAM P., Professor of English, University of Detroit, Detroit, Mich. (*Member of Council, 1952–54.*) 1929.

GOETHE, SAM P., Partner Ebaugh & Goethe, Consulting Engineers, 205 N.W. 10th Ave., Gainesville, Fla. 1948.

GOETZ, BILLY E., Professor of Industrial Management, Massachusetts Institute of Technology, Cambridge 39, Mass. 1955.

GOETZ, WILLIAM H., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1956.

GOETZENBERGER, RALPH L., Educational Consultant, Minneapolis-Honeywell Regulator Company, 5214 Norway Drive, Kenwood, Chevy Chase, Md. 1946.

GOGLIA, GENNARO L., Assistant Professor of Mechanical Engineering, University of Detroit, Detroit 21, Mich. 1949.

GOGLIA, MARIO J., Dean of Engineering, University of Notre Dame, Notre Dame, Ind. 1940.

GOHR, CARL W., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1951.

GOLDBERG, MAXWELL H., Professor of English, University of Massachusetts, Amherst, Mass. 1956.

GOLDEN, L. DUKE, Assistant Professor of Technical Institute, University of Dayton, 150 East Bruce, Dayton 5, Ohio. 1956.

GOLDEROS, ALFONSO, Assistant Professor of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. 1957.

GOLDMAN, JAY, Assistant Professor in Industrial Engineering, Washington University, St. Louis, Mo. 1956.

GOLDMAN, STANFORD, Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1949.

GOLDSMITH, ARTHUR, Graduate Business Student, Stanford University, Stanford, Calif. 1939.

GOLDSTEIN, HAROLD, Chief, Occupational Outlook Branch, Bureau of Labor Statistics, U. S. Dept. of Labor Washington, D. C. 1949.

GOLDSTEIN, IRVING R., Associate Professor of Management Engineering, Newark College of Engineering, Newark, N. J. 1955.

GOLDSTEIN, MILTON, Dean of American Institute of Engineering and Technology, 2914 Sheridan Road, Chicago 14, Ill. 1945.

GOLDSTEIN, MOISE H., JR., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

GOLDSTEIN, STANLEY P., Chairman, Engineering, Hofstra College, Hempstead, New York. 1957.

GOLIBER, PAUL F., Professor and Head of Air Conditioning, Hudson Valley Technical Institute, Troy, N. Y. 1950.

GOMBERG, HENRY J., Professor of Nuclear Engineering, Assistant Director of Phoenix Project on Peacetime Atomic Energy, University of Michigan, Ann Arbor, Mich. 1955.

GOMBERG, WILLIAM, Professor of Industrial Engineering, Washington University, St. Louis, Mo. 1958.

GONSALVES, LENINE, Professor and Chairman of Electrical Engineering, New Bedford Institute of Technology, New Bedford, Mass. 1955.

GONZALEZ-MANDRY, FERNANDO, Dean of Faculty of Engineering, University of Puerto Rico, Mayaguez, P. R. 1955.

GOOD, MERRILL R., Professor of Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1933.

GOODCHILD, IRWIN L., JR., Instructor in Chemical Engineering, University of Massachusetts, Amherst, Mass. 1957.

GOODE, HENRY P., Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1943.

GOODHEART, CLARENCE F., Professor and Chairman of Electrical Engineering, Union College, Schenectady, N. Y. 1949.

GOODIER, JAMES N., Professor of Theoretical and Applied Mechanics, Stanford University, Stanford University, Calif. *First Recipient, George Westinghouse Award (1946).* 1941.

GOODIN, CURTIS P., Associate Professor of Electrical Engineering, Clemson A. & M. College, Clemson, S. C. 1954.

GOODMAN, JAMES RICHARD, Instructor in Civil Engineering, Colorado State University, Fort Collins, Colo. 1958.

GOODMAN, LOUIS J., Associate Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1951.

GOODMAN, THOMAS P., Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

GOODSTEIN, ROBERT, Instructor, Engr. Mechanics, Ohio State University, Columbus 10, Ohio. 1950.

GOODWIN, ERNEST B., Associate Professor of Electrical Engineering, University of Rhode Island, Kingston, R. I. 1951.

GOODWIN, JAMES P. JR., Special Lecturer in Electronics, Southern Technical Institute, Chamblee, Ga. 1956.

GOODWIN, WILLIAM A., Research Engineer, Tennessee Highway Research Program, University of Tennessee, Knoxville, Tenn. 1951.

GOPPERT, HAROLD R., Professor of General Engineering, University of Illinois, Navy Pier Undergraduate Division, Chicago 11, Ill. 1947.

GORDER, LESLIE O., Development Engineer, 67 Royal Palm Drive, Fort Lauderdale, Fla. 1943.

GORDON, IRVING, Adjunct Assistant Professor of Engineering Drawing, New York University, Mechanical Engineer, Board of Water Supply, New York, N. Y. 1948.

GORDON, JOHN P., Assistant Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1956.

GORDON, PETER B., Vice President, Wolff and Munier, Inc., 222 East 41st Street, New York 17, N. Y. 1949.

GORHAM, ROBERT C., Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1925.

GORMAN, MARION J., Instructor, Central Technical Institute, Shawnee, Kan. 1957.

GORMAN, PAUL J., Instructor in Engineering Drawing, Northeastern University, Boston, Mass. 1956.

GORMAN, WM. M., Associate Professor of Mechanical Engineering, Villanova College, Villanova, Pa. 1940.

GOSE, RICHARD V., Assistant Professor of Mechanical Engineering, University of Wyoming, Laramie, Wyo. 1957.

GOSMAN, ALBERT L., 1221 Illinois, Golden, Colo. 1951.

GOTAAS, HAROLD B., Dean of Technological Institute, Northwestern University, Evanston, Ill. 1932.

GOTOLSKI, WILLIAM H., Instructor in Civil Engineering, Pennsylvania State University, University Park, Pa. 1948.

GOTTSCHALK, WALTER H., Professor and Chairman of Mathematics, University of Pennsylvania, Philadelphia, Pa. 1957.

GOUDEY, GORDON, M., Assistant Professor of Engineering, Fairleigh Dickenson University, Rutherford, N. J. 1956.

GOULD, ARTHUR F., Professor and Head, Department of Industrial Engineering, Lehigh University, Bethlehem, Pa. (*Member of Council, 1958–.*) 1948.

GOULD, JAY R., Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1941.

GOULD, M. IRWIN, Technical Personnel, Uranium Division, Mallinckrodt Chemical Works, Weldon Springs, Mo. 1949.

GOULDTHORPE, HUBERT W., Manager, Engineering Personnel Department, General Electric Company, 570 Lexington Avenue, New York 22, N. Y. 1955.

GOVIER, JOHN P., Associate Professor of Petroleum Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

GRACE, CHARLES T., Professor and Chairman of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1942.

GRACIDA, RENE H., REV., O.S.B., Head, Engineering and Designing, Saint Vincent Archabbey & College, Latrobe, Pa. 1950.

GRAEBEL, WILLIAM P., Instructor in Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1957.

GRAEF, ARNOLD R., Instructor in Engineering Drawing, University of Wichita, Wichita, Kan. 1956.

GRAETZER, GUNTHER R., Dean of Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1948.

GRAFF, WILLIAM J., JR., Professor and Chairman of Mechanical Engineering, Southern Methodist University, Dallas, Tex. 1950.

GRAFFIUS, PAUL H., Engineering Professional & Technical Placement Representative, Administrative Engineering Division, Lockheed Aircraft Corporation, Sunnyvale, Cal. 1955.

GRAHAM, FREDERICK M., Head, Civil Engineering, Prairie View A. & M. College, Prairie View, Tex. 1951.

GRAHAM, JAMES D., Assistant Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1958.

GRAHAM, JOHN W., JR., Vice President, The Cooper Union, New York, N. Y. 1946.

GRAHAM, LOIS G., Assistant Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1950.

GRAHAM, L. M., JR., Instructor in Industrial Engineering and Engineering Drawing, Texas Technological College, Lubbock, Tex. 1957.

GRAHAM, PAUL F., Associate Professor of Engineering Mechanics, Ohio State University, Columbus, Ohio. 1953.

GRAHAM, PETER J., Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1954.

GRAHAM, WALTER W., Professor and Head of Applied Mathematics, Vanderbilt University, Nashville, Tenn. 1939.

GRAMMER, FRANK A., Dean of Admissions, Newark College of Engineering, Newark, N. J. 1943.

GRAMSTROFF, EMIL A., Dean, Graduate Division, College of Engineering, Northeastern University, Boston 15, Mass. 1926.

GRANDI, LOUIS L., Professor of Electrical Engineering, University of California, Los Angeles, Calif. 1937.

GRANEY, MAURICE, Dean of Engineering, University of Dayton, Dayton, Ohio. 1943.

GRANGER, ARMOUR T., Dean of Engineering, University of Tennessee, Knoxville 16, Tenn. 1939.

GRANGER, GEORGE A., JR., Drawing Instructor, Mechanical Engineering Department, Tri-State College, Angola, Ind. 1958.

GRANIK, GERALD, Assistant Instructor in Physics, Newark College of Engineering, Newark, N. J. 1954.

GRANT, DONALD A., Instructor in Mechanical Engineering, University of Maine, Orono, Me. 1956.

GRANT, EUGENE L., Professor of Economics of Engineering, Stanford University, Stanford, Cal. (*Member of Council, 1948–50, 1956–58.*) 1925.

GRANT, HIRAM E., Professor and Head, Dept. of Engineering Drawing, Washington University, St. Louis, Mo. 1937.

GRANT, HOMER H., JR., Professor and Head of Industrial Engineering, University of Southern California, Los Angeles, Calif. 1949.

GRANT, LEROY F., Field Secretary, Engineering Institute of Canada, Kingston, Ontario, Can. 1955.

GRANT, ROBERT W., Associate Professor of Engineering Drawing, Wayne State University, Detroit, Mich. 1946.

GRANTHAM, GUY E., Professor Emeritus of Physics and Engineering Physics, Cornell University, Ithaca, N. Y. *Life Member.* 1928.

GRASSHOFF, LYNN H., Member of the Technical Staff, RCA Laboratories, 2 Red Berry Road, Levittown, Pa. 1948.

GRASSI, RAYMOND C., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1946.

GRASSO, SALVATORE P., Civil and Sanitary Engineer, Anderson-Nichols Company, Consulting Engineers, Milford, N. H. 1939.

GRAU, HERMAN, Assistant Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1956.

GRAVES, HALL H., Instructor in Engineering Drawing, Newark College of Engineering, Newark, N. J. 1958.

GRAVES, HARRY P., Vice President, McGraw-Hill Book Co., 330 West 42nd St., New York 18, N. Y. 1944.

GRAVES, LEROY D., Associate Professor of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1950.

GRAVES, QUINTIN B., Professor of Civil Engineering, Oklahoma State University, Stillwater, Okla. 1939.

GRAVES, WILLIAM A., Assistant Professor of Mechanical Engineering, Colorado State University, Fort Collins, Colo. 1952.

GRAY, GEORGE A., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1950.

GRAY, GERARD E., Associate Professor of Architectural Engineering, Agricultural and Technical College of North Carolina, Greensboro, N. C. 1957.

GRAY, HAMILTON, Professor and Chairman of Civil Engineering, The Ohio State University, Columbus, Ohio. 1957.

GRAY, HAROLD E., Professor of Agricultural Engineering, Cornell University, Ithaca, N. Y. 1949.

GRAY, JAMES L., Assistant Professor of General Engineering, Oregon State College, Corvallis, Ore. 1950.

GRAY, JOHN C., Professor (Retired) of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. *Life member.* 1920.

GRAY, MARTIN P., Metallurgy, General Motors Institute, Flint, Mich. 1954.

GRAY, PAUL G., Assistant Professor of Electrical Engineering, Michigan State University, East Lansing, Mich. 1954.

GRAY, TRUMAN S., Associate Professor of Engineering Electronics, Massachusetts Institute of Technology, Cambridge, Mass. 1939.

GRAY, WILLARD F., Professor of Electrical Engineering, University of Alabama, University, Ala. 1938.

GREAVER, LAWRENCE, Associate Professor of Drawing, University of Virginia, Charlottesville, Va. 1950.

GRECCO, WILLIAM L., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. (On leave: 1406-A Spartan Village, East Lansing, Mich.) 1949.

GRECO, CARMELO S., Director, State Technical Institute, Norwalk, Conn. 1949.

GREELEY, CHARLES E., Engineer, Jansky and Bailey, Inc., Washington, D. C. 1948.

GREEN, BOYNTON M., Professor Emeritus of Mechanical Engineering, Stanford University, Stanford, Cal. *Life Member.* 1925.

GREEN, CECIL H., Board Chairman, Geophysical Service, Inc., Dallas, Tex. 1950.

GREEN, DARRELL B., Professor of Electrical Engineering, Ohio University, Athens, Ohio. 1953.

GREEN, DUANE L., Professor and Chairman of Chemical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1954.

GREEN, JAMES W., JR., 327 North Washington Street, Fayetteville, Ark. 1948.

GREEN, RAYMOND E., Assistant Chief Engineer, Trygve Hopp and Associates, Cleveland, Ohio. 1949.

GREEN, ROBERT S., Executive Director, Engineering Experiment Station, The Ohio State University, Columbus, Ohio. 1947.

GREEN, THOMAS F., Assistant Professor, Foundations of Education, Michigan State University, East Lansing, Mich. 1954.

GREEN, WILSON P., Director of Product Development, Parker Pen Co., Janesville, Wisc. 1940.

GREENBAUM, BERNARD A., Associate Professor of Physics, Newark College of Engineering, Newark, N. J. 1947.

GREENBERG, AARON J., Instructor in Civil Engineering, Washington University, St. Louis, Mo. 1958.

GREENE, HOKE S., Dean of Academic Administration and Dean of Graduate School of Arts and Sciences, University of Cincinnati, Cincinnati, Ohio. 1950.

GREENE, JAMES H., Assistant Professor of Industrial Engineering, Purdue University, West Lafayette, Ind. 1951.

GREENFIELD, EUGENE W., Director, Division of Industrial Research, Washington State College, Pullman, Wash. 1958.

GREENFIELD, LOIS B., Assistant Professor of Engineering Experiment Station, University of Wisconsin, Madison 6, Wis. 1958.

GREENFIELD, MORRIS L., Member of Technical Staff, Astroscience Department, Space Technology Laboratory, P. O. Box 95001, Airport Station, Los Angeles 45, Calif. 1953.

GREENSHIELDS, BRUCE D., Assistant Director of Transportation Institute, University of Michigan, Ann Arbor, Mich. 1948.

GREENSTEIN, PHILIP, Professor of Electrical Engineering, New York University, New York City. 1938.

GREENWALD, DAKOTA U., Professor of Industrial Engineering, Syracuse University, Syracuse 10, N. Y. 1938.

GREENWOOD, DONALD T., Associate Professor of Aeronautical Engineering, University of Michigan, 1630 Hanover Road, Ann Arbor, Mich. 1957.

GREER, ROBERT W., Instructor in Electrical Engineering, University of Wisconsin, Madison, Wis. 1951.

GREFFE, C. DALE, Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1940.

GREGG, ROBERT, Lecturer in Industrial Engineering, University of Florida, Gainesville, Fla. 1953.

GREGORY, DELMAR R., College Representative, International Textbook Company, Washington, Ind. 1958.

GREGORY, FRANCIS A., Assistant Superintendent, Industrial Education Department, Public Schools of the District of Columbia, Washington, D. C. 1956.

GREGORY, PHILIP C., Instructor in Mechanical Engineering, Kansas State College, Manhattan, Kan. 1957.

GREIBER, CLARENCE L., State Director of Vocational and Adult Education, State Board of Voc. and Adult Education, Madison, Wis. 1951.

GREINER, OTTO A., Associate Professor of Modern Languages, retired, Purdue University, Lafayette, Ind. *Life Member.* 1922.

GREINER, OTTO A., Administrative Manager, Canadian Chemical Co., 9737 105th St., Edmonton, Alberta, Canada. 1949.

GREINER, RICHARD A., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1958.

GRENATA, MICHAEL C., Instructor in Civil Engineering, Pennsylvania State University, University Park, Pa. 1956.

GRIBBIN, JOHN B., Associate Professor of Civil Engineering, Manhattan College, New York, N. Y. 1948.

GRIFF, ERNEST R., Assistant Professor of Mathematics, Michigan College of Mining and Technology, Houghton, Mich. 1957.

GRIFFIN, FRED S., Professor Emeritus of Mechanical Engineering, University of Akron, Akron, Ohio. 1922.

GRIFFIS, LEVAN, Manager-Director of Research Center, Borg-Warner Corporation, Des Plaines, Ill. 1944.

GRIFFITH, DALZELL M., Professor and Chairman, Dept. of Civil Engineering, Bucknell University, Lewisburg, Pa. (*Member of Council, 1951–53.*) 1924.

GRIFFITH, E. C., Head of Mathematics and Science, Long Island Agricultural and Technological Institute, Farmingdale, N. Y. 1957.

GRIFFITH, EDWIN G., Instructor in Electrical Engineering, Allentown Extension Center, Pennsylvania State University, University Park, Pa. 1956.

GRIFFITH, FULLER O., JR., Associate Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison 5, Wis. 1947.

GRIFFITH, JAMES W., Associate Professor of Industrial Engineering, Southern Methodist University, Dallas, Tex. 1953.

GRIFFITH, JOHN E., Assistant Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1953.

GRIGORIEFF, W. W., Director, Institute Chairman, University Relations, Oak Ridge Institute of Nuclear Studies, P. O. Box 117 Oak Ridge, Tenn. 1949.

GRIMM, CARL A., Assistant Professor of Mathematics, South Dakota School of Mines, Rapid City, S. D. 1953.

GRIMM, C. JAMES, Associate Professor of Electrical Engineering, Missouri School of Mines, Box 105, Rolla, Mo. 1952.

Grinter, Linton E., Dean of the Graduate School and Director of Research, University of Florida, Gainesville, Fla. (*Member of Council, 1935–38, 1948–50; Vice President, 1950–52; President, 1953–54.*) (*Thirty first Recipient Lamme Medal 1958.*) 1928.

Grisamore, Nelson T., Associate Professor of Electrical Engineering, The George Washington University, Washington, D. C. 1957.

Griswold, Albert H., Assistant Professor of Fluid Mechanics, New York University, Box 107, University Heights, Bronx 53, N. Y. 1948.

Griswold, Edward M., Associate Professor of M.E., The Cooper Union, New York City. 1944.

Grogan, Paul J., Professor of Mechanical Engineering, Chairman, Department of Engineering, University Extension Division, University of Wisconsin, Madison, Wis. 1951.

Grogan, William R., Associate Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1950.

Groggins, Philip H., Chemical Engineer, Food Machinery and Chemical Corporation, Washington, D. C. 1948.

Groseclose, Frank F., Director, School of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council, 1954–56.*) 1937.

Gross, Donald S., Director of Wind Tunnel, University of Maryland, College Park, Md. 1958.

Gross, Eric T. B., Professor of Power System Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1942.

Gross, Howard W., Dean, Retired, Spring Garden Institute, Broad and Spring Garden Streets, Philadelphia, Pa. 1944.

Gross, Oscar L., Electrical Design Supervisor, United States Steel Corporation, Chicago, Ill. 1958.

Grossmann, Elihu D., Assistant Professor of Chemical Engineering, Drexel Institute of Technology, Philadelphia 9, Pa. 1954.

Grosswirth, Morris, Assistant Professor of Civil Engineering, New York University, New York, N. Y. 1953.

Grosvenor, A. W., Professor and Head, Dept. of Metallurgical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1952.

Grove, Arthur W., Associate Professor of Electrical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1949.

Grove, Cornelius S., Jr., Director of Engineering Research, Syracuse University, Syracuse, N. Y. 1956.

Grove, James F., Associate Professor of Electrical Engineering, University of Rhode Island, Kingston, R. I. 1948.

Grover, Kingman N., Assistant Professor in Humanities, The Cooper Union, New York. N. Y. 1950.

Groves, David F., Instructor in Engineering Drawing, West Virginia Institute of Technology, Montgomery, W. Va. 1957.

Groves, Marion H., Associate Dean of Graduate School, Associate Professor of Psychology, Illinois Institute of Technology, 3300 So. Federal Street, Chicago 16, Ill. 1953.

Groves, Walter A., President, Abadan Institute of Technology, Abadan, Iran. 1957.

Grow, Thomas A., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1958.

Grubb, George C., Jr., Instructor in Engineering, Coalinga Junior College, Coalinga, Calif. 1957.

Grubbs, Edward C., Instructor in Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

Grueher, Anatole R., Professor and Head of Economics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. (*Member of Council, 1958–.*) 1952.

Grune, Werner N., Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta 13, Ga. 1958.

Gudebski, Henry C., Associate Professor of Metallurgy, University of Detroit, Detroit, Mich. 1942.

Guenther, Otto V., President, Hudson Valley Technical Institute, Troy, N. Y. 1948.

Guerdan, George A., Chairman and Professor of Mechanical Engineering, The City College of New York, New York, N. Y. 1938.

Guernsey, Roscoe, Development Engineer, General Electric Co., Schenectady, N. Y. 1941.

Guerrero, Erasmo T., Head of Petroleum Production Engineering, The University of Tulsa, Tulsa, Okla. 1957.

Guess, Arthur L., Senior Engineer, Product Design, Glenn L. Martin Company, Baltimore, Md. 1954.

Guidon, Michael, Assistant Professor in Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

Guilford, Albert A., Instructor in Civil Engineering, Tri-State College, Angola, Ind. 1948.

Guilford, Edward, C., Associate in Electrical Engineering, University of California, Berkeley, Cal. 1954.

Guillemin, Ernst A., Professor of Electrical Communications, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

Guillou, John C., Research Associate Professor, Civil Engineering, University of Illinois, Urbana, Ill. 1955.

Guillou, Rene, Associate Specialist, Agricultural Engineering Department, University of California, Davis, Calif. 1946.

Guindon, William G., Chairman of Physics, Boston College, Chestnut Hill 67, Boston, Mass. 1957.

Guinn, John R., Jr., Professor and Chairman of Electrical Engineering, Texas Agricultural and Industrial Arts College, Kingsville, Tex. 1950.

Gulbransen, Leonard B., Associate Professor of Metallurgy, Washington University, St. Louis, Mo. 1954.

Guldberg, Oue, Managing Director, The Institution of Danish Civil Engineers, Copenhagen, Denmark. 1953.

Gulden, Kermit R., Associate Professor of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

Gulick, Lee N., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia 4, Pa. 1957.

Gullette, George A., Professor and Head, Dept. of Social Studies, North Carolina State College, Raleigh, N. C. 1947.

Gully, Arnold J., Professor of Chemical Engineering, Mississippi State University, State College, Miss. 1955.

Gumpertz, Werner H., President, Simpson, Gumpertz, & Heger, Inc., 16 Eliot Street, Cambridge 38, Mass. 1952.

Gunaji, Narendra N., Instructor in Civil Engineering, Ohio Northern University, Ada, Ohio. 1958.

Gunder, Dwight F., Consulting Engineer, 463 West Fifth Street, Loveland, Colo. 1938.

Gunderson, Norman O., Professor and Head of Engineering, San Jose State College, San Jose, Cal. 1953.

Gundlach, John T., 6299 Westview Drive, Littleton, Col. 1950.

Gunkel, Wesley W., Associate Professor of Agricultural Engineering, Cornell University, Ithaca, N. Y. 1956.

Gunning, Henry C., Dean, Faculty Applied Science, University of British Columbia, Vancouver, British Columbia, Can. 1956.

Gurbalnick, Sidney A., Instructor in Civil Engineering, Cornell University, Ithaca, N. Y. 1954.

Gurnham, C. Fred, Professor and Head, Dept. of Chemical Engineering, Michigan State University, East Lansing, Mich. 1949.

Gus, Charles E., Reverend, Chaplain, St. John's Episcopal Hospital, Brooklyn, N. Y. 1926.

Gubb, Clarence E., Coordinator, Division of Industry, East Los Angeles Junior College, Los Angeles, Calif. 1947.

Gustafson, Lester W., Head, Aeronautical Engineering, California State Polytechnic College, Pomona, Calif. 1951.

Guthrie, Ledru O., Assistant Professor of English, University of Minnesota, Minneapolis, Minn. 1938.

Gutzwiller, Martin J., Associate Professor of Civil Engineering (Structural), Purdue University, Lafayette, Ind. 1954.

Guy, Albert G., Professor of Metallurgical Engineering, Purdue University, Lafayette, Ind. 1958.

Guy, William T., Jr., Associate Professor of Mathematics and Astronomy, University of Texas, Austin, Tex. 1952.

Gwiazda, Stanley J., Associate Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1956.

Gwinn, Ira J., Associate Professor of Physics, College Registrar, Morningside College, Sioux City, Iowa. 1934.

Gyaw, B. Aung, Workshop Superintendent, University of Rangoon, Rangoon, Burma. 1954.

Gyte, Millard E., Director, Technical Extension Division, Purdue—Calumet Center, Hammond, Ind. 1948.

Haas, George W., Instructor in Mechanical Drawing, Glenbard Township High School, Glen Ellyn, Ill. 1951.

Haas, Vinton B., Jr., Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1950.

Haas, Wendall M. B., Liaison Engineer, Douglas Aircraft Co., El Segundo, Calif. 1948.

Haas, Wilbur M., Assistant Professor of Civil Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1951.

Haberstroh, Robert D., Industrial Liaison Officer, Massachusetts Institute of Technology, Cambridge, Mass. 1958.

Hackett, Arthur J., Instructor in Electrical Engineering, Westchester Community College, White Plains, N. Y. 1950.

Hadfield, Robert W. M., Project Engineer, Westinghouse Electric Co. Baltimore, Md. 1955.

Haertel, David G., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

Haertlein, Albert, Associate Dean of Engineering and Applied Physics, Gordon McKay Professor of Civil Engineering, Harvard University, Cambridge 38, Mass. 1929.

Hagel, John L., Instructor in Architectural Engineering, Lain Technical Institute, Indianapolis, Ind. 1956.

Hagen, R. R., Associate Professor of Engineering Drawing, Michigan College of M. & T., Houghton, Mich. 1945.

Hagerty, William W., Dean of Engineering, University of Texas, Austin, Tex. 1947.

Haggerty, Gerald B., Associate Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1948.

Hagist, Warren M., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1952.

Hagman, John A., Associate Professor of Graphics, Columbia University, New York, N. Y. 1954.

Haight, Harold W., Instructor in Applied Mechanics, University of Kansas, Lawrence, Kan. 1957.

Haight, Fletcher M., Instructor in Engineering, Pierce Junior College, Los Angeles, Calif. 1958.

Haines, D. Don, Associate Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1935.

Haines, Forrest D., Assistant Professor of Engineering Drawing, University of Wichita, Wichita 14, Kan. 1957.

Haines, Howard N., Assistant Professor of Civil Engineering, Duke University, Durham, N. C. 1950.

Hainlin, Albert W., Owner, Albert W. Hainlin and Associates, Engineers, Coral Gables, Fla. 1950.

Haiss, Gunther W., Assistant Director of Education, American Technical Institute, Akron, Ohio. 1958.

Halasz, Andre, Associate Professor of Drafting, The City College of New York, New York, N. Y. 1956.

Hale, Harry, P., Assistant Professor of Mechanical Engineering, Wayne State University, Detroit, Mich. 1955.

Hale, Harry W., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1954.

Hale, John S., III, Instructor in Civil Engineering, Bucknell University, Lewisburg, Pa. 1957.

Hales, Virgil D., Associate Professor and Head, Dept. of Engineering Drawing, Fenn College, Cleveland, Ohio. 1930.

Halicki, Joseph E., Instructor in Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1957.

Halijak, Charles A., Associate Professor of Electrical Engineering, Kansas State College, Manhattan, Kan. 1958.

Halik, Glen W., Assistant Professor of Engineering Drawing, Michigan State University, East Lansing, Mich. 1951.

Hall, Allen S., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1944.

Hall, Amy V., Professor Emeritus of Humanistic-Social Studies, University of Washington, Seattle, Wash. 1925.

Hall, Carl W., Professor of Agricultural Engineering, Michigan State University, East Lansing, Mich. 1953.

Hall, Clarence A., Assistant Research Coordinator, Research Laboratory, Ethyl Corp., 1600 W. 8 Mile Rd., Detroit, Mich. 1939.

Hall, Clarence Elton, Head of the Department of Engineering, Texarkana College, Texarkana, Tex. 1958.

Hall, Clarence F., Assistant Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Hall, Daniel R. A., Assistant to the President, Administration Department, Newark College of Engineering, Newark, N. J. 1958.

Hall, Forrest H., Associate Professor of Civil Engineering, University of Idaho, Moscow, Idaho. 1958.

Hall, Francis T., Jr., Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1950.

Hall, George P., Chairman of Mechanical Engineering, Bridgeport Engineering Institute, Bridgeport, Conn. 1958.

Hall, H. Lawrence, Associate Professor of Industrial Management, University of Southern California, Los Angeles, Calif. 1949.

Hall, Howard P., Dean of Engineering, Robert College, Istanbul, Turkey. 1948.

Hall, John W., Manager of Southeast Region, Engineering Recruiting, General Electric Company, Schenectady, N. Y. 1956.

Hall, Keith W., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1951.

Hall, Maynard E., Associate Professor of Engineering, West Virginia Institute of Technology, Montgomery, W. Va. 1957.

Hall, Newman A., Professor and Chairman of Mechanical Engineering, Yale University, New Haven, Conn. 1948.

Hall, Raymond C., Assistant Professor of Chemical Engineering, Kansas State College, Manhattan, Kan. 1958.

Hall, Robert J., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1956.

Hall, Stanley G., Professor of General Engineering, University of Illinois, Urbana, Ill. 1938.

HALL, STANLEY R., Instructor in Engineering, Los Angeles City College, Los Angeles, Cal. 1936.

HALL, VORIS B., Professor and Head of Physics and Engineering, Wilkes College, Wilkes-Barre, Pa. 1927.

HALL, WARREN A., Assistant Dean for Undergraduate Studies, Associate Professor of Engineering, University of California, Los Angeles, Calif. 1947.

HALL, WILLIAM H., Dean Emeritus, College of Engineering, Duke University, Durham, N. C. (Home: 922 Urban Ave., Durham, N. C.) *Life Member.* 1927.

HALL, WILLIAM J., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1955.

HALLEEN, ROBERT M., Instructor in Mechanical Engineering, State College of Washington, Pullman, Wash. 1956.

HALLER, GEORGE L., General Manager, Defense Electric Division, General Electric Company, Syracuse, N. Y. 1944.

HALLER, MARY ELIZABETH, Associate Professor of Mathematics, University of Washington, Seattle, Wash. 1953.

HALLMARK, GLEN D., Professor and Head of Electrical Engineering, Agricultural and Mechanical College of Texas, College Station, Tex. 1958.

HALLOCK, JOHN I., Instructor in Engineering, San Francisco City College, San Francisco, Calif. 1957.

HALPERN, EDWIN, Coordinator of Industrial Engineering, Bridgeport Engineering Institute, Bridgeport 3, Conn. 1957.

HALPERT, VIOLET BERYL, Assistant Professor of English, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1958.

HALSEY, HUGH, Instructor in Physics, Orange County Community College, Middletown, N. Y. 1933.

HALSTEAD, WILLIAM R., Director of Electrical Engineering, Gaston Technical Institute, P. O. Box 1399, Gastonia, N. C. 1956.

HALTIWANGER, JOHN D., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1953.

HAM, JAMES MILTON, Associate Professor of Electrical Engineering, University of Toronto, Toronto, Can. 1953.

HAMAN, ARTHUR C., Instructor in Mechanical Engineering, University of Detroit, Detroit, Mich. 1957.

HAMEL, DANA B., Executive Vice President of Ohio Mechanics Institute, Cincinnati, Ohio. 1958.

HAMID, HAMID I., Box 487, Engineering Faculty, University of Khartown, Khartown, Sudan. 1956.

HAMILTON, DEWITT C., JR., Lecturer-Engineer, Oak Ridge School of Reactor Technology, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1949.

HAMILTON, EDWARD P., Chairman of the Board, John Wiley & Sons, Incorporated, New York, N. Y. 1914.

HAMILTON, HANCE C., Associate Professor of Graphics, Lafayette College, Easton, Pa. 1949.

HAMILTON, HOWARD B., Head and Assistant Professor of Electrical Engineering, University of Wichita, Wichita, Kan. 1956.

HAMILTON, JAMES F., Associate Professor of Mechanical Engineering, West Virginia University, Morgantown, W. Va. 1956.

HAMILTON, MAURICE E., Instructor, Purdue University, West Lafayette, Indiana. 1958.

HAMLEN, EARLE K., Coordinator, University of Akron, Akron, Ohio. (*Member of Council, 1957–59.*) 1946.

HAMLIN, ROGER B., Instructor in Engineering and Cultural Studies, General Motors Institute, Flint, Mich. 1956.

HAMMER, SANFORD S., Instructor, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1958.

HAMMER, VERNON B., Assistant Professor in General Engineering, University of Washington, Seattle, Wash. 1949.

HAMMOND, ALEX F., Assistant Professor of Drawing and Design, Clemson College, Clemson, S. C. 1951.

HAMMOND, GEORGE H., Professor of Electrical Engineering, Tufts University, Medford 55, Mass. 1948.

HAMMOND, ROBERT H., Major, Course Supervisor in Military Topography and Graphics, U. S. Military Academy, West Point, N. Y. 1946.

HAMMOND, SEYMOUR B., Assistant Professor of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1954.

HAMMOND, THOMAS M., Head, Dept. of Engineering and Physics, Schreiner Institute, Kerrville, Texas. 1940.

HAMMOND, WILLIAM M., Instructor in Electrical Engineering, Bradley University, Peoria, Ill. 1957.

HANCE, LACONIA H., President, Institute of Textile Technology, Charlottesville, Va. 1952.

HANEMAN, VINCENT S., JR., Associate Professor of Aeronautical Engineering, Air Force Institute of Technology, Box 3309 MCLI, Wright Patterson Air Force Base, Ohio. 1955.

HANES, JAMES C., Business Executive Officer, Virginia Military Institute, Lexington, Va. 1950.

HANEY, HAROLD E., Instructor in Engineering Drawing, Lain Technical Institute, Indianapolis, Ind. 1956.

HANG, DANIEL F., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1958.

HANG, ROBERT I., Assistant Professor of Engineering Drawing, Ohio State University, Columbus, Ohio, 1950.

HANING, JAMES O., Project Engineer, Admiral Corporation, 901 California, Palo Alto, Calif. 1954.

HANKINSON, GEORGE W., Assistant Dean of Engineering, Graduate Division, Northeastern University, 360 Huntington Avenue, Boston, Mass. 1955.

HANNA, WILLIAM J., Associate Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1950.

HANNEMAN, DOUGLAS A., Instructor in Technical Institute, University of Dayton, Dayton, Ohio. 1957.

HANNUM, JOSHUA E., Dean of Engineering, Alabama Polytechnic Institute, Auburn, Ala 1935.

HANRAHAN, DONALD J., 1628 Annandale Road, Falls Church, Va. 1954.

HANRAHAN, FRANK J., Executive Vice President, American Institute of Timber Construction, 6220 Wagner Lane, Washington 16, D. C. 1936.

HANSEN, ANDREW, Associate Professor of General Engineering, University of Southern California, Los Angeles, Cal. 1947.

HANSEN, EDWIN L., Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1958.

HANSEN, HUGH J., Editor, Electricity on the Farm, Reuben H. Donnelley Corporation, 305 East 45th Street, New York 17, N. Y. 1955.

HANSEN, PETER G., Assistant Professor of Mechanics, Missouri School of Mines and Metallurgy, Rolla, Mo. 1954.

HASEN, RALPH W., Assistant Professor of Agricultural Engineering, Colorado State University, Fort Collins, Colo. 1958.

HANSEN, THOMAS L., 655-11 Street, Boulder, Colo. 1952.

HANSON, ARNOLD E., Dean of Academic Administration, University of Toledo, Toledo, Ohio. 1955.

HANSON, ELDON G., Head of Agricultural Engineering Department, New Mexico College of A. & M. Arts, State College, N. M. 1954.

HANSON, KARL P., Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1941.

HANSON, LORING O., Professor, Appl. Mech., University of Wichita, Wichita, Kans. 1950.

HANSON, ROBERT S., Professor and Head of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1936.

HANSTEEN, HENRY B., Professor and Head, Dept. of Electrical Engineering, The City College of N. Y., New York, N. Y. 1938.

HANUS, JOHN J., Instructor in Engineering Drawing, Newark College of Engineering, Newark, N. J. 1956.

HAPPEL, JOHN, Professor and Chairman of Chemical Engineering, University Heights, New York 53, N. Y. 1948.

HARBISON, CLYDE L., Instructor in Mathematics, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

HARBOUR, RICHARD D., Associate Professor of Electrical Engineering, State College of Washington, Pullman, Wash. 1948.

HARCOURT, BERNARD C., Instructor in Engineering, Lowell Technological Institute, Lowell, Mass. 1957.

HARDAWAY, B. A., Associate Professor of Engineering Drawing, Agricultural and Mechanical College of Texas, College Station, Tex. 1947.

HARDEE, JOSEPH E., Engineering Mechanics, North Carolina State College, Raleigh, N. C. 1953.

HARDENBERGH, DONALD E., Associate Professor of Engineering Mechanics, Pennsylvania State University, University Park, Pa. 1948.

HARDEE, JOSEPH E., Assistant Professor of Engineering Mechanics, North Carolina State College, Raleigh, N. C. 1953.

HARDER, KEITH C., Education Officer, Office of Naval Research, Navy Department, Washington, D. C. 1947.

HARDGRAVE, JACK M., Assistant Professor in Mechanical Engineering, New Mexico College of A. & M., State College, N. M. 1949.

HARDING, GEORGE H., Consulting Engineer, 145 Northmore Place, Columbus, Ohio. 1930.

HARDY, JOHN, 6197 Palm Avenue, Riverside, Calif. 1955.

HARDY, F. RAYMOND, Instructor in Engineering, Lowell Technological Institute, Lowell, Mass. 1957.

HARDY, ROBERT MACDONALD, Dean of Engineering, University of Alberta, Edmonton, Alberta, Canada. 1958.

HARKER, RALPH J., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

HARKEY, JACK W., Assistant Professor, Coordinator of Co-op Courses, S.M.U., Dallas, Texas. 1955.

HARKNESS, DANIEL H., Sales Manager, W. & L. E. Gurley Co., Troy, N. Y. 1928.

HARLOFF, ROBERT E., Assistant Professor of Engineering Mechanics, Marquette University, Milwaukee 3, Wis. 1950.

HARLOW, HENRY G., Chairman of Civil Engineering, Union College, Schenectady, N. Y. 1942.

HARMAN, CHARLES M., Mechanical Engineering, University of Wisconsin, Madison, Wisconsin. 1954.

HARMAN, WILLIS W., Professor of Electrical Engineering, Stanford University, Stanford, Calif. (*Thirteenth Recipient George Westinghouse Award 1958.*) 1949.

HARMS, JOHN, Personnel Officer, Naval Research Laboratory, Washington, D. C. 1951.

HARMS, WILLIAM O., Associate Professor of Metallurgical Engineering, University of Tennessee, Knoxville, Tenn. 1956.

HARNESS, GEORGE T., Associate Dean of Engineering and Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1941.

HARP, JAMES F., Instructor in Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1958.

HARPER, GEORGE W., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

HARPER, JAMES W., Assistant Professor of Mechanical Engineering, University of Nebraska, Lincoln 2, Nebr. 1949.

HARRAWOOD, PAUL, Instructor in Civil Engineering, Duke University, Durham, N. C. 1957.

HARRINGTON, H. E., Head of Physics, Oklahoma State University, Stillwater, Okla. 1954.

HARRINGTON, JOHN M., Professor and Head, Department of Mathematics, Michigan College of M. & T., Houghton, Mich. 1943.

HARRINGTON, MARSHALL C., Head, Fluid Dynamics Branch, Taylor Model Basin, Washington 7, D. C. 1958.

HARRINGTON, ROBERT L., Associate Professor of Mechanical Engineering, Tufts University, Medford, Mass. 1941.

HARRINGTON, R. PAUL, Professor and Head, Department of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. (On leave: 33 Rue Paul Lauters, XL, Bruxelles, Belgique.) 1942.

HARRIS, ANNA M., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1951.

HARRIS, CHARLES O., Head, Applied Mechanics, Michigan State University, East Lansing, Mich. (*Member of Council, 1951–53.*) 1939.

HARRIS, E. C., Professor and Head, Dept. of Civil Engineering and Engineering Mechanics, Fenn College, Cleveland, Ohio. 1947.

HARRIS, EDWARD H., Associate Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1958.

HARRIS, ELWOOD K., Chairman of Product Engineering, General Motors Institute, Flint, Mich. 1946.

HARRIS, HENRY E., Instructor in Engineering and Mathematics, Diablo Valley College, Concord, Calif. 1943.

HARRIS, HIRAM D., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

HARRIS, L. DALE, Head of Electrical Engineering, University of Utah, Salt Lake City, Utah. 1943.

HARRIS, LUCIUS J., Assistant to Manager, Industrial Relations Division, E. I. du Pont de Nemours, Wilmington, Del. 1955.

HARRIS, MARK P., Associate Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1946.

HARRIS, NORMAN, Director of Technical Education, Bakersfield College, Bakersfield, Calif. 1958.

HARRIS, ORVILLE R., Associate Professor of Electrical Engineering and Director of Engineering Experiment Station, University of Virginia, Charlottesville, Va. 1955.

HARRIS, ROBERT B., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1948.

HARRISBERGER, LEE, Associate Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1951.

HARRISON, EDWIN D., President, Georgia Institute of Technology, 225 North Avenue, Atlanta 13, Ga. 1953.

HARRISON, JOHN B., Vice President, Rotary Lift Co., Memphis, Tenn. 1949.

HARRISON, WILLIAM P., Assistant Professor of Civil Engineering, Clarkson College, Potsdam, New York. 1954.

HARROLD, RAY A., Manager of Education, Scully-Jones and Company, 1901 S. Rockwell Street, Chicago 8, Ill. 1958.

HARROUN, DALE T., Professor of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1957.

HART, BERNARD E., Associate Professor of Engineering Drawing, Arkansas A. & M. College, Monticello, Ark. 1950.

HART, MITCHELL T., Supervisor, Engineering Training, Autonetics, A Division of North American Aviation, Inc., Fullerton, Calif. 1957.

HART, ROBERT L., Dean of Evening School, Chrysler Institute of Engineering, Detroit, Mich. 1954.

HARTENBERG, RICHARD S., Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1930.

HARTFORD, ARTHUR F., Supervisor, Employee Relations, E. I. du Pont de Nemours Co., Wilmington, Del. 1952.

HARTIG, HENRY E., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1953–55.*) 1922.

HARTJE, GEORGE F., Assistant Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1955.

HARTLEY, HERBERT W., Assistant Director, Northrop Aeronautical Institute, Inglewood, Calif. 1957.

HARTLEY, THOMAS C., Assistant Professor in General Engineering, University of Illinois, Urbana, Ill. 1950.

HARTMAN, DAVID P., Research Assistant, Electrical Engineering, University of Wisconsin, Madison, Wis., 1957.

HARTMAN, JAMES B., Professor and Head, Dept. of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1947.

HARTMAN, PAUL, Professor and Chairman of Civil Engineering, City College of New York, New York 31, N. Y. 1940.

HARTNETT, JAMES P., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1958.

HARTSAW, WILLIAM O., Associate Professor of Engineering, Evansville College, Evansville, Ind. 1950.

HARTSOOK, ARTHUR J., Professor and Head of Chemical Engineering, Rice Institute, Houston, Texas. 1938.

HARTUNG, WALTER M., Vice President, Academy of Aeronautics, LaGuardia Field, Flushing 71, N. Y. 1947.

HARTWIG, WILLIAM H., Assistant Professor of Electrical Engineering, University of Texas, Austin, Texas. 1953.

HARTY, JOHN H., Professor of Physics, New Mexico Institute of Mining and Technology, Socorro, New Mex. 1955.

HARTZ, BILLY J., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1956.

HARTZELL, HARLEY W., Consulting Engineering, Commonwealth Associates, Inc., 209 E. Washington Ave., Jackson, Mich. 1957.

HASHMALL, MAURICE L., Assistant Professor of Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

HASKELL, WILLIAM E., JR., Assistant Professor of Civil Engineering, Merrimac College, Andover, Mass. 1958.

HASKINS, ELMER E., Professor of Mathematics, Clarkson College of Technology, Potsdam, N. Y. 1955.

HASKITT, HAROLD O., JR., Head, Speech Section of English, General Motors Institute, Flint, Mich. 1954.

HASSELL, HORACE P., JR., Assistant Professor of Industrial Engineering, University of Alabama, University, Ala. 1957.

HASSLACHER, GEORGE J., III, Instructor in Engineering Mechanics, Pennsylvania State University, University Park, Pa. 1953.

HASSLER, GERALD L., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

HASTINGS, HUDSON B., Professor Emeritus of Economics, 135 Millbrook Rd., Hamden 18, Conn. *Life Member.* 1928.

HATCH, JOHN P., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1948.

HATCHER, THOMAS W., Professor of Mathematics, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

HATHAWAY, ARTHUR S., Highway Engineer, Planning, Cook County, Ill., Room 1106, 130 N. Wells St., Chicago 6, Ill. 1934.

HATFIELD, THEODORE N., Chairman, Department of Physics, University of Houston, Houston, Texas. 1954.

HATSOPOULOS, GEORGE N., Assistant Professor, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

HATTRUP, HUBERT E., Professor and Head of Electrical Engineering, University of Idaho, Moscow, Idaho. 1941.

HAUBER, CECIL, Professor and Head, Civil Engineering Dept., Tri-State College, Angola, Ind. 1948.

HAUBNER, ROBERT K., Assistant to the Registrar, Newark College of Engineering Newark, N. J. 1952.

HAUER, NELSON A., Head, Industrial Education Department, Louisiana State University, Baton Rouge, La. 1952.

HAUF, HAROLD D., Dean of Architecture, Rensselaer Polytechnic Institute, Troy, N. Y. 1955.

HAUGHNEY, LOUIS C., Physicist, Lewis Flight Propulsion Laboratory, National Advisory Committee for Aeronautics, Cleveland, Ohio. 1954.

HAUGHTON, KENNETH E., Department 524, Research Lab., International Business Machines Corporation, Monterey and Cottle Road, San Jose, Calif. 1954.

HAUN, JOHN D., Assistant Professor of Geology, Colorado School of Mines, Golden, Col. 1956.

HAUPT, LEWIS M., Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas. 1955.

HAUSENBAUER, CHARLES R., Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1948.

HAUSER, NORBERT, Instructor in Industrial Engineering, New York University, New York, N. Y. 1956.

HAUSMAN, PAUL G., Professor and Chairman of Manufacturing Processes, University of Kansas, Lawrence, Kan. 1950.

HAUSMANN, ERICH, Dean Emeritus, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. *Life Member.* 1926.

HAUSRATH, A. H., III., Convair, Astronautics, San Diego, Calif. 1955.

HAUTAU, RALPH H., Instructor in Physics and Mathematics, Academy of Aeronautics, LaGuardia Field, New York, N. Y. 1954.

HAWES, DONALD B., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

HAWK, MINOR C., Assistant Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1955.

HAWKES, JOHN B., Engineer, Pratt and Whitney Aircraft, United Aircraft Corporation, East Hartford, Conn. 1939.

HAWKINS, GEORGE A., Dean of Engineering, Director, Engineering Experiment Station, Purdue University, Lafayette, Ind. 1930.

HAWKINS, HAROLD V., 2039 North 75th Court Elmwood Park, Chicago 35, Ill. 1947.

HAWKINS, ROBERT D., Professor of Applied Mechanics and Head, General Engineering Dept., University of Kentucky, Lexington, Ky. 1939.

HAWRY, HENRY J., Instructor in Technical Drawing, Illinois Institute of Technology, Chicago, Ill. 1957.

HAWTHORNE, QUINTIN J., Professor and Head Dept. of Aeronautics, Tri-State College, Angola, Ind. 1948.

HAXBY, BERNARD V., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

HAY, RALPH C., Coordinator International Programs and Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1956.

HAY, WILLIAM W., Professor of Railway Civil Engineering, University of Illinois, Urbana, Ill. 1955.

HAYES, CHARLES P., Associate Professor of Engineering Drawing, University of Alabama, University, Ala. 1949.

HAYES, HAROLD P., California State Polytechnic College, Pomona, Calif. 1957.

HAYES, JOHN M., Professor of Structural Engineering, Purdue University, Lafayette, Ind. 1945.

HAYLECK, CHARLES R., JR., Associate Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1954.

HAYNES, BASIL J., Lecturer in Civil Engineering, University of Toronto, Toronto, Ontario, Canada. 1957.

HAYNES, FRED B., Head of Electrical Engineering, Drexel Institute of Technology, Philadelphia 4, Pa. 1957.

HAYNES, HAROLD A., Deputy Superintendent Public Schools, Washington, D. C. 1942.

HAYS, FRANK D., Assistant Professor of Technical Institute, Purdue University, Lafayette, Ind. 1956.

HAYT, WILLIAM H., JR., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1956.

HAYTHORNTHWAITE, ROBERT M., Assistant Professor of Engineering, Brown University, Providence, R. I. 1956.

HAYWARD, BERTRAND W., President, Philadelphia Textile Institute, Schoolhouse Lane, Philadelphia 44, Pa. 1952.

HAYWARD, HAROLD N., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1936.

HAZELL, WILLIAM, JR., Dean, Administration, Newark College of Engineering, Newark, N. J. 1943.

HAZELTINE, ALAN, Consultant, 15 Tower Drive, Millburn, N. J. 1910.

HAZEL, JAMES F., Professor of Chemistry, University of Pennsylvania, Philadelphia, Pa. 1953.

HAZEN, HAROLD L., Dean, Graduate School, Massachusetts Institute of Technology, Cambridge, Mass. 1938.

HAZEN, RICHARD R., Chairman of Electrical Technology, University of Dayton, 300 College Park, Dayton 9, Ohio. 1953.

HEACOCK, FRANK A., Professor and Head of Graphics and Engineering Drawing, Princeton University, Princeton, N. Y. (*Member of Council, 1956–.*) 1926.

HEAD, GEORGE P., Instructor in Architectural Engineering, University of Detroit, Detroit, Mich. 1956.

HEAD, ROBERT R., Unit Chief, Engineering Analysis Section, Redstone Arsenal, 719 Mallory Avenue, Huntsville, Ala. 1956.

HEAD, J. W., President, Electronics Institute, Incorporated, Detroit, Mich. 1957.

HEAFIELD, KENNETH, Director of Admissions, Michigan College of M. & T., Houghton, Mich. 1952.

HEAGLER, JOHN B., JR., Assistant Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1957.

HEAGLER, RICHARD B., Instructor in Applied Mechanics, Kansas State College, Manhattan, Kan. 1957.

HEALD, HENRY T., President, The Ford Foundation, 477 Madison Ave., New York, N. Y. (*President, 1942–43; V. Pres., 1941–42; Member of Council, 1938–47.*) 1931.

HEALY, JOHN J., JR., Director of General Development, Monsanto Chemical Company, Lindbergh & Olive St. Road, St. Louis 24, Mo. 1949.

HEALY, WILLIAM L., Specialist Laboratories, General Electric Co., Philadelphia, Pa. 1956.

HEARD, M. EARL, Vice President in Charge of Research, West Point Mfg. Co., West Point, Ga. 1935.

HEARN, EMMETT E., Employment Director, Denver Division, The Martin Company, Denver, Colo. 1956.

HEATH, CHARLES O., Associate Professor of Mechanical Engineering Oregon State College, Corvallis, Ore. (One leave; Roorke University, Roorke, V.P., India.) 1942.

HEATH, EDWARD B., Chairman, Div. of Engineering and Technical Training, San Bernardino Valley Junior College, San Bernardino, Calif. 1935.

HEATH, GEORGE L., Associate Professor of Mechanical Engineering, University of Toledo, Toledo 6, Ohio. 1948.

HEATH, HAROLD E., Chief of College Relations, Western Electric Co., Hawthorne Station, Chicago, Ill. 1947.

HEBRANK, EUGENE F., Professor of Mechanical Engineering, Director, Power Lab., University of Illinois, Urbana, Ill. 1940.

HECKBERT, A. I., Assistant Professor of Electrical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1954.

HECKELMAN, RICHARD W., Engineer in Electronics Laboratory, General Electric Company, Electronics Park, Syracuse, N. Y. 1955.

HECKMAN, RUSSELL F., Professor and Head, Dept. of Chemical Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1949.

HEDINGER, HOWARD E., Engineering Drawing and Technical Reports, Tractor Engineering Department, Tractor and Implement Division, Ford Motor Company, Detroit 27, Mich. 1948.

HEDRICH, WALTER A., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1946.

HEDRICK, J. E., Professor of Chemical Engineering, Cornell University, Ithaca, N. Y. 1953.

HEEBINK, DAVID W., Assistant Professor of Industrial Engineering, Stanford University, Stanford, Calif. 1958.

HEER, JOHN E., JR., Associate Professor of Civil Engineering, University of Louisville, Louisville 8, Ky. 1951.

HEFLIN, STERLING M., Professor and Head, Dept. of Physics, Virginia Military Institute, Lexington, Va. 1946.

HEFNER, RALPH A., Dean of the General College, Georgia Institute of Technology, Atlanta, Ga. 1946.

HEGMAN, A. R., Industrial Education, Eastern Michigan College, Ypsilanti, Mich. 1954.

HEHNER, LEONARD A., Manager, Advertising and Sales Service, Venus Pen and Pencil Corporation, Lewisburg, Tenn. 1950.

HEIBERG, ELVIN R., Professor and Head, Dept. of Mechanics, U. S. Military Academy, West Point, N. Y. 1950.

HEIDEGER, WILLIAM J., Assistant Professor of Chemical Engineering, University of Washington, Seattle, Wash. 1958.

HEIMAN, DAVID W., Assistant Chief of Engineers for Military Supply, United States Army, Washington, D. C. 1955.

HEIMER, ROGER C., Associate Professor of Management, Villanova University, Villanova, Pa. 1955.

HEIMBACH, CLINTON L., Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1957.

HEIMERICH, JOHN J., Professor and Chairman of Architecture and Architectural Engineering, University of New Mexico, Albuquerque, N. M. 1946.

HEINE, RICHARD W., Assistant Professor of Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1950.

HEINLEIN, DAVID M., Headmaster, Rutgers Preparatory School, New Brunswick, N. J. 1951.

HEINLEIN, REX I., JR., Col., U. S. Army Ret., 860 Seale Ave., Palo Alto, Calif. 1945.

HEINRICH, ROSS R., Professor and Director of Geophysics and Geographical Engineering, St. Louis University, 3621 Olive Street, St. Louis 8, Mo. 1946.

HEIPLE, LOREN R., Professor and Head, Civil Engineering Department, University of Arkansas, Fayetteville, Ark. 1950.

HEITZMAN, EDWARD J., Junior Engineer, Engineering Mechanics Department, General Motors Research Staff, Detroit, Mich. 1957.

HEIZER, KENNETH W., Assistant Professor of Electrical Engineering, Southern Methodist University, Dallas, Tex. 1957.

HELANDER, LINN, Professor of Mechanical Engineering, Kansas State College, Manhattan, Kan. 1935.

HELFFRICH, RANDOLPH G., Director, Spring Garden Institute, 2815 North 17th St., Philadelphia 32, Pa. 1957.

HELLER, RALPH, Professor of Physics, Worcester Polytechnic Institute, Worcester 9, Mass. 1943.

HELLMER, CORWIN A., 531 Boldt Avenue, Platteville, Wis. 1956.

HELLERMAN, HERBERT, Associate Professor in Electrical Engineering, University of Delaware, Newark, Del. 1958.

HELLWARTH, ARLEN R., Associate Dean of Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1955–57.*) 1948.

HELM, M. STANLEY, Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1954.

HELME, GEORGE C., Associate Professor of Mathematics, Pratt Institute, Brooklyn, N. Y. 1947.

HELMERS, DONALD J., Assistant Professor of Mechanical Engineering, Supervisor of Power Laboratory, Texas Technological College, Lubbock, Tex. 1954.

HELSTROM, HERBERT A., JR., Chief of Engineering Administration, Chance Vought Aircraft, Inc., Dallas 30, Tex. 1958.

HELWIG, W. P., Associate Professor of Electrical Engineering, University of Texas, Austin, Texas. 1947.

HEM, LAWRENCE W., Assistant Dean of Curricular Guidance, Professor of Mechanical Engineering, City College of New York, New York, N. Y. 1939.

HEMENWAY, A. ARTHUR, Project Engineer, Boeing Airplane Company, Seattle 14, Wash. 1940.

HEMKE, PAUL E., Vice President, Dean of Faculty, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

HEMMERLING, EDWIN M., Chairman, Engineering-Technical Department, Bakersfield College, Bakersfield, Calif. 1953.

HEMMERT, RAYMOND A., Assoc. Professor of Mechanical Engineering, Tri-State College, Angola, Ind. 1955.

HEMPSTEAD, JEAN C., Associate Professor of Mathematics, United States Air Force Academy, Denver, Colo. 1935.

HENDERSON, CHARLES, Professor of Experimental Engineering, University of Virginia, Charlottesville, Va. 1951.

HENDERSON, DONALD A., Architectural Consultant, Corporation Manufacturing Staff, Chrysler Corporation, 7700 Russel St., Detroit, Mich. 1955.

HENDERSON, DOUGLAS B., Captain, Engineering, United States Coast Guard Academy, New London, Conn. 1956.

HENDERSON, FREDERICK ROBERT, Science and Engineering Teacher, Northeastern Junior College, Sterling, Colo. 1940.

HENDERSON, JAMES M., Director, School of Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1930.

HENDERSON, S. MILTON, Associate Professor of Agricultural Engineering, University of California, Davis, Calif. 1946.

HENDERSON, WILLIAM G., Associate Professor of Civil Engineering, Lamar State College of Technology, Beaumont, Tex. 1957.

HENDRICKSON, GEORGE A., Mechanical Engineer, Detroit Edison Company, 2000 Second Avenue, Detroit 26, Mich. 1947.

HENDRICKSON, HAROLD M., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1950.

HENDRICKSON, JOE R., Professor of Applied Mechanics, Vanderbilt University, Nashville 5, Tenn. 1955.

HENDRICKSON, KARL N., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1948.

HENLINE, HENRY H., Retired Former Secretary, America Institute of Electrical Engineers. (Home Address: 3 Pleasant View Circle, Daytona Beach, Fla.) *Life Member.* 1919.

HENNES, ROBERT G., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1935.

HENNESSY, WESLEY J., Associate Dean, Faculty of Engineering, Columbia University, New York 27, N. Y. 1943.

HENNICK, DONALD CUMMINS, Assistant Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1950.

HENNIGAN, JOHN J., JR., Assistant Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1954.

HENNINGER, G. ROSS, President, Ohio Mechanics Institute, Cincinnati 2, Ohio. 1940.

HENRY, B. R., Associate Professor of Engineering Drawing, Lamar State College of Technology, Beaumont, Tex. 1956.

HENRY, HAROLD R., Assistant Professor of Civil Engineering, Michigan State University, Lansing, Mich. 1954.

HENRY, HERMAN L., JR., Professor of Mechanical Engineering and Head of General Engineering, Louisiana Polytechnic Institute, Ruston, La. 1956.

HENRY, JOHN A., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1941.

HENRY, LEVI L., Acting Dean, Professor of Mechanical Engineering, Detroit Institute of Technology, Detroit 4, Mich. 1957.

HENSHAW, CHARLES N., Research and Development Engineer, Sheridan Iron Works, Champlain, N. Y. 1930.

HENSON, JAMES O., Lecturer in Civil Engineering, University of Tennessee, Knoxville, Tenn. 1956.

HEPPINSTALL, ROBERT S., Associate Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1948.

HERALD, CHARLES A., Assistant Professor of Electronic Engineering, California State Polytechnic College, Pomona, Calif. 1955.

HERBEIN, HAROLD J., Assistant Professor of Engineering, Pennsylvania State University Center, Allentown, Pa. 1953.

HERBST, JOHN J., Instructor in Engineering Drawing, New York University, University Heights, Bronx 53, N. Y. 1958.

HERMAN, GEORGE J., Assistant Dean of Engineering, Associate Professor of Civil Engineering, Montana State College, Bozeman, Mont. 1954.

HERMES, RICHARD M., Head of Basic Science Group, Control Systems Laboratories, Stanford Research Institute, Menlo Park, Calif. 1943.

HERNANDEZ-LOPEZ, WILFREDO, Assistant Professor of Mechanical Engineering, College of Agriculture and Mechanics Arts, Mayaguez, Puerto Rico. 1956.

HERNDON, CHARLES L., Associate Professor of Engineering, Evansville College, Evansville 4, Ind. 1957.

HERNLEY, KENNETH P., Instructor in General Engineering, University of Washington, Seattle, Wash. 1956.

HEROD, WILLIAM R., President of International General Electric Company, Vice President of General Electric Company, 150 East 42nd Street, New York 17, N. Y. 1949.

HERR, LESTER A., Regional Hydraulic Engineer, United States Bureau of Public Roads, P. O. Box 3900, Portland 8, Ore. 1948.

HERRICK, CARL A., Professor Emeritus of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. *Life member.* 1922.

Herrick, Thomas J., Associate Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1936.

Herrmann, George, Associate Professor of Civil Engineering and Engineering Mechanics, Columbia University, New York, N. Y. 1950.

Herrmann, George A., Associate Professor of Chemistry, Marquette University, Milwaukee, Wis. 1952.

Herron, Lowell W., Dean, Clarkson College of Technology, Potsdam, N. Y. 1948.

Hershbarger, William D., Professor of Electrical Engineering, University of California, Los Angeles, Calif. 1949.

Hershfield, Charles, Assistant Professor of Civil Engineering, University of Toronto, Ontario, Canada. 1958.

Hershkowitz, Leon, Associate Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1949.

Hershman, George E., Registrar, Valparaiso Technical Institute, Valparaiso, Ind. 1958.

Hertenstein, Harold N., Supervisor of Engineering Training, McDonnell Aircraft Corporation, Box 516, St. Louis 3, Mo. 1956.

Hertig, Bruce A., Research Assistant, Occupational Health, University of Pittsburgh, Pittsburgh 13, Pa. 1955.

Hertz, D. B., Arthur Andersen and Company, 67 Broad Street, New York 21, N. Y. 1949.

Herweh, Albert C., Professor and Head of Electrical Engineering, University of Cincinnati, Cincinnati, Ohio. 1957.

Herzberg, Robert J., Instructor in Engineering Mechanics, Marquette University, Milwaukee, Wis. 1957.

Hess, Howard M., Associate Dean of Engineering, Wayne State University, Detroit 2, Mich. (*Member of Council, 1957–.*) 1942.

Hesse, Herman C., Professor of Mechanical Engineering, Valparaiso University, Valparaiso, Ind. 1929.

Hesselberth, Wilfred M., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

Hesselschwerdt, August L., Jr., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

Hessemer, Robert A., Jr., Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1953.

Hessler, Victor P., Research Professor, Geophysical Institute, Box 516 College, Alaska. 1928.

Hessler, William G., Instructor in Engineering Drafting, Henry Ford Community College, Dearborn, Mich. 1958.

Heston, Russell E., Associate Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1957.

Hetényi, Miklós, Walter P. Murphy Professor of Theoretical and Applied Mechanics, Northwestern University, Evanston, Ill. 1946.

Hetzel, Theodore B., Associate Professor of Engineering, Haverford College, Haverford, Pa. 1936.

Heurich, Robert P., Assistant Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia 4, Pa. 1957.

Hewitt, Edward C., Instructor in Physics, Ogontz Center, Pennsylvania State University Extension, Philadelphia, Pa. 1956.

Hewitt, William L., Associate Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1954.

Hewson, E. Wendell, Professor of Meteorology, University of Michigan, Ann Arbor, Mich. 1955.

Heywood, Humphrey B., Business Manager, The Baylor School, Chattanooga, Tenn. 1957.

Hibshman, Nelson S., Secretary, American Institute of Electrical Engineers, 33 W. 39th St., New York 18, N. Y. 1930.

Hickman, C. Addison, Dean of General Studies, North Carolina State College, Raleigh, N. C. 1954.

Hickox, George H., Director of Research, Engineering Research and Development Laboratory, Ft. Belvoir, Va. 1948.

Hicks, D. Reginald, Assistant Director of Personnel, U. S. Bureau of Reclamation, Dept. of the Interior, Washington 25, D. C. 1947.

Hicks, Herold B., Midwest Manager-College, McGraw-Hill Book Co., 4655 Chase Ave., Lincolnwood, Ill. 1946.

Hicks, Joseph J., Associate Professor of Electrical Engineering, Villanova University, Villanova, Pa. 1956.

Hicks, Lewis F., Associate Professor of Mechanical Engineering, Ohio University, Athens, Ohio. 1950.

Hicks, Stuart F., Associate Professor of Engineering, Wayne State University, Detroit, Mich. 1945.

Hicks, Stuart F., Associate Professor of Engineering Drawing, Wayne University, Detroit, Mich. 1945.

Hicks, Thomas E., Associate Professor of Engineering, University of California, Los Angeles 24, Calif. 1957.

Hicks, William N., Professor and Head, Dept. of Philosophy and Religion, North Carolina State College, Raleigh, N. C. 1939.

Higbee, Frederic G., Professor Emeritus, Dept. Engineering Drawing, State University of Iowa, Iowa City, Iowa. (*Vice President, 1922–23; Member of Council, 1916–19, 1946–48.*) *Life Member.* 1906.

Higbee, Jay A., Assistant Professor, Humanistic-Social Studies Department, University of Washington, Seattle, Wash. 1953.

Higdon, Archie, Professor and Head of Mechanics, U.S.A.F. Academy, Lowry A.F.B., Colo. 1938.

Higgerson, Charles A., Senior Instructor in Mechanics, Mohawk Valley Technical Institute, Utica, N. Y. 1956.

Higginbotham, David E., Associate Professor of Electrical Engineering, Tufts University, Medford 55, Mass. 1948.

Higginbottom, Edwin, Head of English, Worcester Polytechnic Institute, Worcester, Mass. 1943.

Higgins, Francis V., Box 44, Chowchilla, Calif. 1951.

Higgins, George J., Capt., U.S.N.R., Professor of Aeronautics, U. S. Naval Postgraduate School, Monterey, Calif. 1935.

Higgins, George R., Assistant Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1953.

Higgins, Thomas J., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. (*Ninth Recipient, George Westinghouse Award, 1954.*) 1940.

Hilding, Winthrop E., Associate Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1947.

Hill, Arthur M., Section Supervisor, Applications Engineering Department, Sandia Corporation, Albuquerque, New Mex. 1931.

Hill, C. B., Jr., Supervisor, Employment and Training Chambers Works, Organic Chemicals Department, E. I. du Pont de Nemours & Company, Penns Grove, N. J. 1952.

Hill, Clifton C., Associate Professor of Mechanics, University of Florida, Gainesville, Fla. 1948.

Hill, Ivan L., Professor of Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. 1942.

Hill, James Warren, Associate Professor of Electrical Engineering, University of North Dakota, Grand Forks, N. D. 1958.

Hill, John A., Assistant Vice President, Research and Development, Jones and Laughlin Steel Corporation, 3 Gateway Center, Pittsburgh 30, Pa. 1947.

Hill, John M., Assistant Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1958.

HILL, LOUIS A., JR., Assistant Professor of Engineering (Civil-Structural), Arizona State College, Tempe, Ariz. 1958.

HILL, PERCY H., JR., Associate Professor of Engineering Graphics, Tufts University, Medford, Mass. 1948.

HILL, RICHARD C., Associate Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1948.

HILL, RICHARD F., Instructor in Electrical Engineering, University of Wisconsin, Madison 5, Wis. 1958.

HILL, W. D., JR., Coordinator of Co-op Program, Engineering Personnel, Chance Vought Aircraft, Dallas, Tex. 1957.

HILL, W. SCOTT, Manager-Engineering Recruiting, General Electric Co., Schenectady, N. Y. 1953.

HILLBERRY, NORMAN, Director of Argonne National Laboratory, P. O. Box 299, Lemont, Ill. 1958.

HILLERY, ARCHIE V., Assistant Professor of Engineering Drawing, Ohio Northern University, Ada, Ohio. 1955.

HILLIS, LEONARD F., Professor of Civil Engineering, University Extension Division, University of Wisconsin, Madison, Wis. 1945.

HILLYARD, LAWRENCE R., Engineering Personnel Officer and Professor of Industrial Engineering, Iowa State College, Ames, Iowa. 1940.

HILSENRATH, JOSEPH, Scientific Educational Advisor, National Bureau of Standards, Washington, D. C. 1948.

HILTON, HARRY H., Professor of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1952.

HILTON, WALLACE A., Professor, Dept. of Physics, William Jewell College, Liberty, Mo. 1948.

HIMELRIGHT, LORING K., Professor and Head of Civil Engineering, The Citadel, Charleston, S. C. 1949.

HINCHCLIFF, KEITH H., Professor of Farm Structures, University of Illinois, Urbana, Ill. 1956.

HINCKLEY, A. DEXTER, Managing Director, Illuminating Engineering Society, 1860 Broadway, New York 23, N. Y. 1929.

HINDLE, NORMAN F., Professor and Head of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1943.

HINEBAUGH, MYRON E., Consultant Engineer, Tammen & Denison, Inc., Chicago, Ill. 1951.

HINKLE, CHARLES N., Associate Professor of Agricultural Engineering, South Dakota State College, Brookings, S. D. 1957.

HINKLE, ROLLAND T., Professor of Mechanical Engineering, Michigan State University East Lansing, Mich. 1942.

HINKLEY, J. WILLIAM, President, Research Corporation, 405 Lexington Avenue, New York 17, N. Y. 1957.

HINMAN, GEORGE W., Assistant Professor of Physics, Carnegie Institute of Technology, Pittsburgh, Pa. 1954.

HINNERS, ROBERT A., Professor of Naval Architecture and Head of Luckenbach Graduate School, Webb Institute of Naval Architecture, Glen Cove, Long Island, N. Y. 1956.

HINRICHSEN, JOHN J. L., Professor and Head of Mathematics Department, Iowa State College, Ames, Iowa. 1955.

HINTON, WILLIAM A., Associate Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1935.

HIPSKIND, JOHN P., Instructor in Engineering Drawing, University of Illinois, Urbana, Ill. 1956.

HIRSCA, FRED, Lecturer, Engr. Design, Univ. of Calif., Berkeley, California.

HIRSCH, FRED, Chief Engineer, Malsbary Manufacturing Company, Oakland, Calif. 1947.

HIRSCHFELD, RONALD C., Instructor in Engineering and Applied Physics, Harvard University, Cambridge 38, Mass. 1958.

HIRSCHKOP, RAYMOND, Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 1956.

HIRST, JOHN M., 100 South Main Street, Middleboro, Mass. 1944.

HIRTHE, WALTER M., Assistant Professor of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1953.

HITCHCOCK, JAMES E., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1958.

HITCHCOCK, LEON W., Professor Emeritus of Electrical Engineering, University of New Hampshire, Durham, N. H. (Home address: 73 Madbury Road, Durham, N. H.) (*Life Member.*) 1922.

HITE, SAMUEL C., Professor and Head of Chemical Engineering, University of Kentucky, Lexington, Ky. 1952.

HIXON, A. NORMAN, Assistant Vice President of Engineering Affairs, University of Pennsylvania, Philadelphia 4, Pa. 1956.

HIXSON, WILLIAM A., Professor and Head of Electrical Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1952.

HNATH, NICHOLAS, Tool Engineer, Chrysler Corp., 13633 Vernon St., Oak Park 37, Mich. 1949.

HNATIUK, BOHDAN T., Professor of Aeronautical Engineering, West Virginia University, Morgantown, W. Va. 1953.

HOADLEY, ANTHONY, Professor of Civil Engineering, Union College, Schenectady, N. Y. 1928.

HOADLEY, GEORGE B., Head of Electrical Engineering, North Carolina State College, Raleigh, N. C. (*Member of Council, 1949–51.*) 1935.

HOAG, ALBERT L., Associate Professor of General Engineering, University of Washington, Seattle 5, Wash. 1948.

HOAG, J. BARTON, Head, Science Dept., U. S. Coast Guard Academy, New London, Conn. 1953.

HOARD, GEORGE L., Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1954.

HOBBS, RANALD P., Vice President, Rinehart & Co., Inc., New York 16, N. Y. 1944.

HOBGOOD, ALTON A., Assistant Professor of Language Arts, San Francisco State College, San Francisco, Calif. 1953.

HOBSON, JAMES W., Vice President, Lawrence Institute of Technology, Detroit, Mich. 1956.

HOBSON, JESSE E., Vice President, United Fruit Company, Boston, Mass. 1942.

HOBSON, LELAND S., Associate Director of Engineering Experiment Station and Professor of Industrial Engineering, Kansas State College, Manhattan, Kans. 1948.

HOBSON, M., Dean of Engineering and Architecture, Professor of Chemical Engineering, University of Nebraska, Lincoln, Nebr. 1950.

HOCHNER, ROYAL M., Assistant Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio. 1953.

HOCKADAY, O. S., Director of Personnel Relations, Texas Electric Service Company, Fort Worth, Tex. 1955.

HOCKEY, ARTHUR A., Instructor in Mechanical Engineering, Tri-State College, Angola, Ind. 1948.

HODGE, WILLARD W., Senior Fellow, Mellon Institute of Industrial Research, Pittsburgh 13, Pa. 1930.

HODGEN, ALDEN R., Assistant Professor of Engineering, Pennsylvania State University, University Park, Pa. 1956.

HODGES, JOHN C., Professor of English, University of Tennessee, Knoxville, Tenn. 1943.

HODGES, TEDDY O., Associate Professor, Agricultural Engineering, University of Missouri, Columbia, Mo. 1955.

HODGINS, JOHN W., Dean of Engineering, McMaster University, Hamilton, Ontario, Canada. 1957.

Hodgins, Lawrence J., Associate Professor of Electrical Engineering, University of Maryland, College Park, Md. 1939.

Hodson, Harry, Chairman of Civil Engineering Science, Brigham Young University, Provo, Utah. 1957.

Hodgson, Roger H., W. 1403 12th St., Spokane 43, Wash. 1949.

Hoefer, E. G., Professor Emeritus of Mechanical Engineering, North Carolina State College, Raleigh, N. C. *Life Member.* 1910.

Hoehn, Alfred J., Jr., Instructor in Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

Hoehn, Robert G., Assistant Professor of Mathematics and Civil Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

Hoehn, William J., Head of Department of Engineering Laboratory, Academy of Aeronautics, New York, N. Y. 1954.

Hoehne, Walter H., Vice President, Utilities Engineering Institute, 2525 No. Sheffield Ave., Chicago 14, Ill. 1948.

Hoelscher, H. E., Professor of Chemical Engineering, Johns Hopkins University, Baltimore 18, Md. 1950.

Hoelscher, Randolph P., Professor of General Engineering and Head of Department, University of Illinois, Urbana, Ill. (*Member of Council, 1941–44, 1948–50.*) 1922.

Hoff, John E., Professor and Chairman of Civil Engineering, University of Houston, Houston, Texas. 1949.

Hoff, Nicholas J., Head of Aeronautical Engineering, Stanford University, Stanford, Calif. 1943.

Hoffee, Harry L., Assistant Professor of Electrical Engineering, Ohio University, Athens, Ohio. 1955.

Hoffman, Albert A., Jr., Instructor in Civil Engineering, Saint Louis University, St. Louis, Mo. 1958.

Hoffman, Clyde Harris, Assistant Professor of Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1954.

Hoffman, Dwight S., Associate Professor of Chemical Engineering, University of Idaho, Moscow, Idaho. 1950.

Hoffman, John W., Associate Director of the Engineering Experiment Station, Michigan State University, East Lansing, Mich. 1955.

Hoffman, Leslie A., Dean Emeritus, Bridgeport Engineering Institute, Bridgeport, Conn. 1949.

Hoffman, Paul O., Professor and Chairman, Dept. of Physics, Newark College of Engineering, Newark, N. J. 1943.

Hoffman, Terrence W., Assistant Professor of Chemical Engineering, McMaster University, Hamilton, Ontario, Canada. 1958.

Hoffmann, Henry K., General Training Supervisor, Systems and Technical Training, The Martin Company, Denver, Colo. 1954.

Hoffmann, Clinton K., Professor of Engineering Drawing, University of Kentucky, Lexington, Ky. 1958.

Hogan, Howard K., Consultant in Employer-Employee Relations, U. S. Office of Education, Washington 25, D. C. 1958.

Hogan, Joseph C., Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1947.

Hogan, Randall J., Instructor in Mechanical Engineering, Pennsylvania State University Center, York, Pa. 1956.

Hoilman, Charles W., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1951.

Hoisington, Robert H., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1953.

Hoke, Walter M., Instructor in General Engineering, University of Washington, Seattle 5, Wash. 1955.

Holbrook, Gordon G., Adjunct Professor of Personnel Relations, Newark College of Engineering, Newark, N. J. 1949.

Holcomb, Dysart E., Director of Research, Research and Development, El Paso National Gas Company, El Paso, Tex. 1947.

Holcomb, Glenn W., Head of Civil Engineering, Oregon State College, Corvallis, Ore. 1945.

Holcomb, Robert M., Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1938.

Holcomb, Walter W., Instructor in Mechanical Engineering, Tri-State College, Angola, Ind. 1955.

Hold, Jay, Supervisor, Drafting Engineering Planning, Westinghouse Electric Company, Overland Park, Kan. 1956.

Holden, Robert W., Graduate Assistant in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1957.

Holder, Willis G., Chief, Industrial Engineering Division, Director of Supply and Services, Dayton Air Force Depot, Dayton 20, Ohio. 1949.

Holderman, Kenneth L., Assistant Dean, College of Engineering and Architecture, The Pennsylvania State University, University Park, Pa. (*Member of Council, 1949–51.*) 1945.

Holdredge, Edwin S., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1951.

Holdredge, Russell M., Instructor in Mechanical Engineering, University of Colorado, Boulder, Colo. 1958.

Holian, Austin J., Associate Professor of Electrical Engineering, University of Dayton, Dayton 9, Ohio. 1945.

Holladay, Dee M., Assistant Professor in General Engineering, University of Illinois, Navy Pier, Chicago, Ill. 1947.

Holland, A. Dinsmore, Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1933.

Holland, Charles D., Associate Professor of Chemical Engineering, A. & M. College of Texas, College Station, Tex. 1958.

Holland, Charles T., Professor and Head of Mining Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

Holland, Lewis N., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

Holland, Wayman A., Lecturer in Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1950.

Hollander, Aladar, Professor Emeritus of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1950.

Holley, Myle Joseph, Jr., Professor of Structural Engineering, Massachusetts Institute of Technology, Cambridge 38, Mass.

Hollister, Clay H., Professor of Engineering Administration, Case Institute of Technology, Cleveland, Ohio. 1950.

Hollister, S. C., Dean, College of Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1937–40; President, 1951–52.*) *Twenty-fifth Recipient, Lamme Medal (1952).* 1916.

Hollub, Raymond M., Instructor in Aeronautical Engineering, University of Alabama, University, Ala. 1958.

Hollyday, John M., Manager, Personnel and Employment, The Martin Co., Baltimore, Md. 1949.

Holman, Frank L., Jr., Assistant Professor in Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1958.

Holman, Leon W., Instructor in Architectural Engineering, East Los Angeles Junior College, 3420 Canyon Crest Road, Altadena, Calif. 1936.

Holmberg, Carl H., Associate Professor of Civil Engineering, Tufts University, Medford, Mass. 1924.

Holme, Justus M., Associate Professor of Mathematics, United States Naval Academy, Annapolis, Md. 1938.

Holme, Thomas T., Department Chairman of Industrial Administration, Yale University, New Haven, Conn. 1940.

HOLMEN, HOLGER E., Instructor in Industrial Arts, Waldorf College, Forest City, Iowa. 1957.

HOLMES, ALESTER G., Professor of Mechanical Engineering, Mississippi State University, State College, Miss. 1943.

HOLMES, CLAYTON W., Chairman, Engineering Dept., Haverford College, Haverford, Pa. 1933.

HOLMES, DANIEL J., Instructor in Drawing, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

HOLMES, FRED, Instructor in Physics, Wentworth Institute, Boston, Mass. 1956.

HOLMES, JOE B., Regional Manager, Engineering Recruiting for Western Region, General Electric Co., San Francisco, Calif. 1954.

HOLMES, WILFRED J., Dean, College of Applied Science, University of Hawaii, Honolulu. T. H. 1937.

HOLOWENKO, A. R., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1943.

HOLROYD, HOWARD B., Associate Professor of Physics, Augustana College, Rock Island, Ill. 1953.

HOLSBERG, PETER J., Graduate Teaching Assistant in Electrical Engineering, Purdue University, Lafayette, Ind. 1958.

HOLSEN, JAMES N., Associate Professor of Chemical Engineering, Washington University, St. Louis 5, Mo. 1956.

HOLSTEIN, EDWIN J., Assistant Professor of Economics and History, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.

HOLT, CHARLES A., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1957.

HOLT, CLIFFORD B., JR., Associate Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1933.

HOLT, EDWARD C., JR., Assistant Professor of Civil Engineering, Rice Institute, Houston, Tex. 1953.

HOLT, JAMES, Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

HOLT, JAY, 1913, South Elm, Pittsburgh, Kan. 1956.

HOLT, RICHARD E., Assistant Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

HOLUB, ARTHUR J., Instructor in Electrical Engineering, Purdue University, West Lafayette, Ind. 1957.

HOLUB, RICHARD W., Assistant Professor of English, Fairleigh-Dickinson University, Teaneck, N. J. 1952.

HOLZMAN, ALBERT G., Professor of Industrial Engineering, University of Pittsburgh, Pittsburgh, Pa. 1953.

HOMER, EUGENE D., Instructor in Industrial and Management Engineering, New York University, New York 53, N. Y. 1958.

HONNELL, MARTIAL A., Professor of Electrical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1943.

HONNELL, PIERRE M., Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1943.

HONSTEAD, WILLIAM H., Professor of Chemical Engineering, Kansas State College, Manhattan, Kans. 1948.

HOOD, GEO. J., Professor Emeritus of Engineering Drawing, University of Kansas, Lawrence, Kans. 1914.

HOOK, ELWYN T., Assistant Professor of Physics and Mathematics, Lowell Technological Institute, Medford, Mass. 1958.

HOOPER, IRVIN P., Head of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1952.

HOOPER, LESLIE J., Director of Alden Hydraulic Laboratory, Worcester Polytechnic Institute, Worcester, Mass. 1948.

HOOVEN, MORRIS D., Electrical Engineer, Public Service E. & G. Co., Newark, N. J. 1954.

HOOVER, JOHN W., Interim Head Professor of Aeronautical Engineering, University of Florida, Gainesville, Fla. 1953.

HOOVER, WILLIAM G., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1951.

HOPE, EDWARD S., Professor of Civil Engineering, American University of Beirut, Beirut, Republic of Lebanon. 1948.

HOPE, HERBERT W., JR., Associate Professor of Engineering, University of Bridgeport, Bridgeport, Conn. 1955.

HOPKIN, ARTHUR M., Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1948.

HOPKINS, MANSELL H., JR., Assistant Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1958.

HOPPER, JOHN S., Dean, Arlington State College, Arlington, Texas. 1937.

HOPWOOD, JOHN F. X. 1957.

HORAK, GEORGE C., Instructor in Mining and Metallurgical Engineering, Lehigh University, Bethlehem, Pa. 1955.

HORAN, THOMAS M., Assistant Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1958.

HORGAN, JAMES D., Director of Electrical Engineering, Marquette University, Milwaukee, Wis. 1950.

HORLDT, HENRY, Associate Professor of Engineering, Ohio Northern University, Ada, Ohio. 1958.

HORN, EARL R., Lecturer in Aeronautical Engineering, Director of Engineering Drawing, Parks College of Aeronautical Technology, 524 North 14th Street, East St. Louis, Ill. 1951.

HORN, HARRY W., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1938.

HORN, TYREE R., Instructor, Pennsylvania State University Center, York, Pa. 1955.

HORNBEAK, HAROLD L., Associate Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1953.

HORNE, PHILIP S., Chief, Scientific Education Division, National Security Agency, Washington, D. C. 1958.

HORNER, H. MANSFIELD, President, United Aircraft Corp., East Hartford, Conn. 1949.

HORNING, DON O., Research Engineering and Lecturer of Engineering, University of California, Berkeley, Calif. 1958.

HORVIK, EIVIND, Associate Professor of Physics, North Dakota State College, State College Station, Fargo, N. Dak. 1955.

HORWOOD, EDGAR M., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1946.

HOSSJER, GUSTAV, Professor of Mathematics, Chalmers University of Technology, Storgatan 43, Goteborg C., Sweden. 1947.

HOSTETTER, JACOB W., Associate Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

HOTCHKISS, JOHN G., District Engineer and Secretary, Committee for Education, American Institute of Steel Construction, Inc., New York 17, N. Y. 1955.

HOUCHENS, JOHN M., Registrar, University of Louisville, Louisville, Ky. 1930.

HOUGEN, JOEL O., Chairman of Chemical Engineering, Monsanto Chemical Company, St. Louis, Mo. (*Member of Council, 1957–59.*) 1930.

HOUGEN, OLAF A., Professor of Chemical Engineering, University of Wisconsin, Madison 6, Wis. 1930.

HOUGH, CHESTER C., Head of Physics and Engineering, Asheville-Billmore College, Asheville, N. C. 1955.

HOUGHTON, ARTHUR V., Instructor, Mechanical Engineering Dept., Purdue University, West Lafayette, Ind. 1948.

HOUGHTON, HORACE C., Assistant to Manager of Personnel, Bethlehem Steel Company, Bethlehem, Pa. 1953.

HOUP, KENNETH W., Associate Professor of English, Pennsylvania State University, University Park, Pa. 1953.

HOUPIS, CONSTANTINE H., Associate Professor of Electrical Engineering, USAF Institute of Technology, Wright-Patterson A.F.B., Dayton, Ohio. 1952.

HOUSEL, WILLIAM S., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1938.

HOUSER, GEORGE W., Professor of Civil Engineering, California Institute of Technology, Pasadena, Calif. 1958.

HOUSTON, HAROLD T., Assistant Professor of Engineering, Evansville College, Evansville, Ind. 1958.

HOUSTON, CHARLES E., Professor of Electrical Engineering, Texas Technological College, Lubbock, Tex. 1953.

HOUSTON, LIVINGSTON W., Chairman, Board of Trustees, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

HOUSTON, RAYMOND K., Associate Professor of Electrical Engineering, Naval School, Monterey, Calif. 1943.

HOUSTON, ROBERT W., Associate Professor of Chemical Engineering, University of Pennsylvania, Philadelphia, Pa. 1956.

HOUSTON, WILLIAM V., President, Rice Institute, Houston, Texas. 1949.

HOVDE, FREDERICK L., President, Purdue University, Lafayette, Ind. 1949.

HOVEY, B. K., Associate Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1939.

HOWARD, D. G., Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1947.

HOWARD, DARNLEY E., Professor and Head, Dept. of Mechanical Engineering, School of E. & A., Howard University, Washington, D. C. 1928.

HOWARD, GEORGE W., Technical Director, U. S. Army Engineer Research and Development Laboratory, Fort Belvoir, Va. 1952.

HOWARD, JOHN H., Director, Business and Technical Personnel, Eastman Kodak Co., Rochester 4, N. Y. 1947.

HOWARD, ROBERT T., Associate Professor of General Engineering, University of Kansas City, Kansas City, Mo. 1958.

HOWATT, CLARKE T., Instructor in Mechanical Engineering, University of Southern California, Los Angeles 45, Calif. 1957.

HOWE, EVERETT D., Professor and Chairman of Division of Mechanical Engineering, University of California, Berkeley, Calif. (*Member of Council, 1946–47.*) 1931.

HOWE, HAROLD B., Professor and Head, Dept. of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

HOWE, JEROME W., Dean of Admissions and of Students, Retired, Worcester Polytechnic Institute, Worcester 2, Mass. (Home: 4 Hancock Hill Drive.) *Life Member.* 1925.

HOWE, JOSEPH W., Professor and Head of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. (*Member of Council, 1955–57.*) 1934.

HOWE, ROBERT T., Associate Professor of Civil Engineering, University of Cincinnati, Cincinnati, Ohio. 1947.

HOWE, WILLIAM WALTER, Instructor in Engineering, College of Marin, Kentfield, Calif. 1956.

HOWELL, ALMONTE C., Professor of English and Secretary of the Faculty, University of North Carolina, Chapel Hill, N. C. *Life member.* 1922.

HOWELL, ALVIN H., Chairman of Electrical Engineering, Tufts University, Medford, Mass. 1941.

HOWELL, CHARLES M., Professor of Paper Tech., Chemical Engineering, University of Maine, Orono, Maine. 1954.

HOWELL, E. J., President, Tarleton State College, Stephenville, Texas. 1937.

HOWELL, GLEN H., Professor of Mechanical and Industrial Engineering, Wayne State University, Detroit, Mich. 1949.

HOWELL, ROGER S., Professor of Mechanical Engineering, Director of Engineering Extension Division, Georgia Institute of Technology, Atlanta, Ga. 1919.

HOWERTON, MURLIN T., Chairman, Department of Chemical Engineering, University of Denver, Denver 10, Colo. 1952.

HOWES, DOUGLAS E., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1935.

HOWES, VICTOR E., Lecturer in Mechanical Engineering, Drafting Coordinator, Instrumentation Laboratory, Massachusetts Institute of Technology, Cambridge 39, Mass. 1944.

HOWETT, MICHAEL V., Head, Math. and Engineering, Southwest Texas, Junior College, Uvalde, Tex. 1952.

HOWEY, JOSEPH H., Director, School of Physics, Georgia Institute of Technology, Atlanta, Ga. 1943.

HOWLAND, DANIEL, Associate Professor in Industrial Engineering, Ohio State University, Columbus 10, Ohio. 1954.

HOWLAND, WARREN E., Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1926.

HOYE, FRANCIS W., General Manager, J. M. McCusker Associates, Jamaica Plain, Mass. 1955.

HOYT, BERNARD W., Assistant Professor of Industrial Engineering, Montana State College, Bozeman, Mont. 1956.

HOYT, HOWARD C., Associate Professor of Physics, Wayne University, Detroit, Mich. 1953.

HOYT, HOWARD C., Personnel Representative of Engineering Department, E. I. du Pont de Nemours and Company, Newark, N. J. 1957.

HOYT, WILLIAM M., Manager of Engineering Personnel, International Business Machines Corporation, 590 Madison Ave., New York, N. Y. 1954.

HRABA, JOHN B., Associate Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1955.

HRONES, JOHN A., Vice President for Academic Affairs, Case Institute of Technology, Cleveland, Ohio. 1945.

HRUBECKY, HENRY F., Associate Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1958.

HSU, SHAO T., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1954.

HU, YUEH-YING S., Assistant Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1954.

HUANG, EUGENE YUCHING, Associate Professor of Civil Engineering, University of Illinois, Urbana, Illinois. 1955.

HUANG, T. C., Associate Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1956.

HUBBARD, NOEL, Registrar and Director of Admissions, Missouri School of Mines and Metallurgy, Rollo, Mo. 1957.

HUBBARD, PHILIP G., Associate Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. 1956.

HUBBARD, ROBERT M., Professor of Chemical Engineering, University of Virginia, University, Va. 1946.

HUBBARD, THOMAS F., Professor of Civil Engineering, Johns Hopkins University, Baltimore, Md. 1947.

HUBBELL, WILLARD, Chairman and Professor, Engineering Drawing Dept., University of Miami, Coral Gables, Fla. 1947.

HUBER, D. GRANT, Associate Professor of Mechanical Engineering, McMaster University, Hamilton, Ontario, Canada. 1948.

HUBER, MATTHEW J., Research Associate, Strathcona Hall, Bureau of Highway Traffic, Yale University, New Haven, Conn. 1954.

HUBERT, CHARLES I., Associate Professor and Chief of Electrical Engineering, United States Merchant Marine Academy, Kings Point, N. Y. 1956.

Hubler, John W., Vice President of Engineering, Macomber Incorporated, Canton, Ohio. 1939.

Huckaba, Charles E., Associate Professor of Chemical Engineering, University of Florida, Gainesville, Fla. 1948.

Huckert, Jesse, 507 North Eighth Street, Mitchell, Ind. 1938.

Hudelson, George D., Apartment 3-C, Rugby Apartments, 118 Gray Ave., Syracuse, N. Y. 1951.

Hudson, Donald E., Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1946.

Hudson, Marshall P., Instructor in General Engineering, University of Washington, Seattle, Wash. 1958.

Hudson, Ross C., Associate Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1955.

Hudson, Wellborn R., Associate Professor of Industrial and Management Engineering, State University of Iowa, Iowa City, Ia. 1948.

Hudson, William G., Assistant Professor of Mechanical Engineering, Clemson College, Clemson, S. C. 1957.

Huelsman, Lawrence P., Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1955.

Huff, Wilbert J., Professor and Chairman of Chemical Engineering, University of Maryland, College Park, Md. 1951.

Huffman, Howard L., Assistant Professor of Industrial Engineering, Montana State College, Bozeman, Mont. 1955.

Huffman, James F., Speech, General Motors Institute, Flint, Mich. 1956.

Huffman, John R., Lecturer, Department of Engineering, University of California, Los Angeles, Calif. 1951.

Huggins, William H., Professor of Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1955.

Hughes, Arthur D., Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1948.

Hughes, Charles S., Aerodynamist, Douglas Aircraft Co., Tulsa, Okla. 1948.

Hughes, George G., Dean Emeritus, College of Engineering, Southwestern Louisiana Institute, Lafayette, La. ***Life Member.*** **1924.**

Hughes, Marion, Associate Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1949.

Hughes, Martin C., Professor and Head, Dept. of Electrical Engineering, A. & M. College of Texas, College Station, Texas. 1932.

Hughes, Philip B., Department of Mechanical Engineering, University of Toronto, Toronto 5, Ontario, Canada. 1954.

Huiras, Marvin H., Admissions Counselor, Milwaukee School of Engineering, Milwaukee, Wis. 1958.

Huitema, Roy, Associate Professor of Physical Sciences, University of Illinois, Navy Pier, Chicago 11, Ill. 1953.

Hull, Harry H., Associate Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1953.

Hull, William L., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1940.

Hulley, Oliver S., Consultant in Manufacturing Training and Education, General Electric Company, 570 Lexington Avenue, New York, N. Y. 1952.

Hulsbos, C. L., Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1951.

Hultquist, P. F., Assistant Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1952.

Humble, M. Keith, Director of Vocational Technical Institute, Southern Illinois University, Carbondale, Ill. 1956.

Hume, William, II, Director of the College, New Mexico Institute of Mining and Technology, Socorro, N. M. 1936.

Hummel, Joseph O. P., Staff Engineer, Research Division, Haller, Raymond and Brown Div., Singer Manufacturing Company, 436 Ferguson Ave, State College, Pa. 1933.

Hummer, John L., (Owner, John L. Hummer, Consulting Engineer, Saginaw, Mich.) 1947.

Humpherys, DeVerl S., Instructor in Electrical Engineering, Brigham Young University, Provo, Utah. 1958.

Humphrey, Arthur E., Associate Professor of Chemical Engineering, University of Pennsylvania, Philadelphia, Pa. 1956.

Humphrey, James E., Associate Professor of English and Speech, Iowa State College, Ames, Iowa. 1948.

Humphries, John C., Head, Dept. of Mechanical Engineering, Tri-State College, Angola, Ind. 1948.

Humphries, Powell H., Head Electrical Engineering, Franklin Technical Institute, Boston, Mass. 1945.

Hundley, Daniel H., Associate Professor of Industrial Engineering Washington University, St. Louis, Mo. 1958.

Hundley, Robert E., Professor of Mechanics, University of Cincinnati, Cincinnati, Ohio. 1943.

Hunner, Wesley L., Assistant Professor Humanistic Social Department, University of Washington, Seattle, Wash. 1958.

Hunsbedt, Theodore N., Director of Administration, Atomic Energy Division, American Machine and Foundry, Company, New York, N. Y. 1954.

Hunt, Charles K., Assistant Professor of Physical Sciences, University of Illinois, Navy Pier, Chicago, Ill. 1954.

Hunt, Donald C., Director of Coordination and Placement, University of Detroit, Detroit, Mich. ***(Member of Council, 1951–53.)*** **1944.**

Hunt, Guy H., Assistant Professor of Applied Mathematics, Emeritus, University of California at Los Angeles, Calif. ***Life member.*** **1923.**

Hunt, Louis W., Division Head, Quality Control, U. S. Naval Powder Factory, 8440 Livingston Road, S.E., Washington 22, D. C. 1930.

Hunt, Orville D., Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1927.

Hunt, William T., Jr., Associate Professor of Electrical Engineering, City College of New York, New York 31, N. Y. 1955.

Hunter, Howard L., Dean, School of Arts & Sciences, Clemson Agricultural College, Clemson, S. C. 1956.

Hunter, John H., Associate Professor of Civil Engineering, Clemson Agricultural College, Clemson, S. C. 1953.

Hunter, Kenneth, Assistant Professor in Engineering Extension, Pennsylvania State University, University Park, Pa. 1951.

Hunter, Matthew A., Dean Emeritus of Faculty, Rensselaer Polytechnic Institute, Troy, N. Y. 1938.

Hunterman, Henry J., Jr., Senior Engineer, Hydro Department, Bechtel Corporation, Vernon, Calif. 1955.

Huntington, David H., Assistant to Dean and Associate, College of Agriculture, University of Maine, Orono, Maine. 1958.

Huntington, Richard L., Research Professor of Chemical Engineering, University of Oklahoma, Norman, Okla. 1946.

Huntington, Whitney C., Professor Emeritus of Civil Engineering, University of Illinois, Urbana, Ill. ***(Member of Council, 1929–32.)*** **1914.**

Huntley, H. B., Director of Pre-Engineering Program, C. W. Post College, Brookville, N. Y. 1957.

Hurlbrink, Robert W., III, Instructor in Mechanical Engineering, University of Maryland, College Park, Md. 1954.

Hurlbut, Lloyd W., Professor of Agricultural Engineering, University of Nebraska, Lincoln, Nebr. 1949.

HURLEY, CHESTER N., Instructor in Basic Courses, Capital Radio Engineering Institute, Washington, D. C. 1958.

HURST, CHARLES J., Instructor in Mechanical Engineering, The Pennsylvania State College, Pa. 1957.

HURST, JOHN W., Professor and Head, Dept. of Mathematics, Montana State College, Bozeman, Mont. 1946.

HURST, WILLIAM, Assistant Professor of Physics, Southern Technical Institute, Chamblee, Ga. 1957.

HURTY, WALTER C., Professor of Engineering, University of California, Los Angeles, Calif. 1954.

HUSS, PAUL O., Associate Professor of Electrical Engineering, University of Akron, Akron, Ohio. 1949.

HUSSEY, ROBERT A., Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1937.

HUSSONG, HOWARD L., R.R. 4 Valparaiso, Ind. 1957.

HUSTRULID, ANDREW, Professor of Agricultural Engineering, University Farm, University of Minnesota, St. Paul 1, Minn. 1947.

HUTCHINSON, CHARLES A., Professor and Head, Dept. of Applied Mathematics, College of Engineering, University of Colorado, Boulder, Colo. 1923.

HUTCHINSON, JOHN W., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1955.

HUTCHISON, ALBERT W., JR., Partner, Brush, Hutchison & Gwinn, Engineers, Nashville 3, Tenn. 1934.

HUTCHISSON, ELMER, Director, American Institute of Physics, New York 17, N. Y. (*Member of Council, 1951–53.*) 1944

HUTH, JOHN H., Associate Engineer, Missiles Div., Rand Corp., Santa Monica, Calif. 1954.

HUTTO, GUS J., Associate Professor of Civil Engineering, The Citadel, Charleston, S. C. 1948.

HUTTON, HENRY G., Northeastern Regional Manager, Engineering Recruiting, General Electric Company, Schenectady, N. Y. 1953.

HUYCK, ASHLYN, Instructor in Mathematics, Wentworth Institute, Boston, Mass. 1956.

HUYDTS, L. H. M., Professor Elec. Engr., Technische Hogheschool, Kanoalweg 23, Delft, Holland. 1947.

HUZARSKI, RICHARD G., Associate Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1948.

HWANG, MING C., Instructor in Mathematics, Academy of Aeronautics, New York, N. Y. 1956.

HYDE, A. P. S., Instructor in Civil Engineering, Detroit Institute of Technology, Detroit, Mich. 1958.

HYDE, CLYDE M., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln 8, Neb. 1958.

HYDE, WILLIAM H., JR., Librarian and Professor of Library Science, Illinois Institute of Technology, Chicago, Ill. 1942.

HYMAN, HARRIS, Instructor in Engineering Drawing, New York University, University Heights, New York 53, N. Y. 1957.

HYMAN, SEYMOUR C., Assistant Dean, School of Technology, City College of New York, New York, N. Y. 1957.

ISATA, RALPH M., Associate Professor of Electrical Engineering, University of Nebraska, Ferguson Hall, Lincoln 8, Nebr. 1951.

IBELE, WARREN E., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

IBSEN, SOREN C., Chairman of Physics and Electrical Engineering, Bridgeport Engineering Institute, Bridgeport 3, Conn. 1957.

IHRIG, HARRY K., JR., Lecturer in Mechanical Engineering, University of Illinois, Urbana, Ill. 1956.

IIJIMA, KEN'ICHI, Professor of Electrical Engineering, Yokohama National University, Ohkamachi, Yokohama, Japan. 1958.

ILIO, DOMINADOR I., Assistant Professor of Mechanics, University of the Philippines, Quezon City, P. I. 1952.

IMHOFF, JOHN L., Professor and Head, Dept. of Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1950.

IMMING, HARRY S., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, New Jersey. 1957.

INCE, SIMON, Associate Research Officer, Mechanical Engineering, National Research Council, Ottawa 2, Ontario, Canada. 1945.

INGALLS, EDMUND E., Professor of Mathematics, Albion College, Albion, Mich. 1956.

INGALLS, ROBERT D., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1958.

INGERSOLL, ALFRED C., Associate Professor of Civil Engineering, California Institute of Technology, Pasadena, Calif. 1955.

INGRAM, GERALD E., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1956.

INGRAM, SYDNEY B., Director of Education and Training, Department of Education and Training, Bell Telephone Laboratories, Murray Hill, N. J. 1953.

INGRAM, WILLIAM T., Associate Professor of Public Health Engineering, New York University, New York, N. Y. 1948.

INMAN, ROBERT M., Assistant in Engineering, University of California, Los Angeles, Calif. 1957.

INVEISS, JANIS H., Professor of Mechanical Engineering, Michigan College of Mining & Technology, Houghton, Mich. 1951.

IP, CHING-U, Seattle, Wash. 1950.

IPPEN, ARTHUR T., Professor of Hydraulics, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

IRBY, HOWARD E., Assistant Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1954.

IRESON, WILLIAM G., Professor and Executive Head of Industrial Engineering, Stanford University, Stanford, Calif. 1941.

IRISH, SUMMER B., Associate Professor of Civil Engineering, Princeton University, Princeton, N. J. 1947.

IRLAND, GEORGE A., Professor and Chairman of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1927.

IRVINE, JAMES A., Instructor in Engineering, Lowell Technological Institute, Lowell, Mass. 1957.

IRWIN, CORA T., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

IRWIN, DONALD E., Manager Great Lakes Region Engineering Recruiting, Engineering Personnel, General Electric Co., 1 River Road, Schenectady 5, N. Y. 1947.

IRWIN, ROBERT R., Associate Professor of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1945.

ISBELL, ROBERT L., Assistant Professor of Mechanical Engineering, Valparaiso University, Valparaiso, Ind. 1957.

ISAACS, GERALD W., Associate Professor in Agricultural Engineering, Purdue University, Lafayette, Ind. 1957.

ISADA, NELSON M., Assistant Professor of Engineering Drawing, Syracuse University, Syracuse, N. Y. 1957.

ISBIN, HERBERT S., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1951.

ISENBERG, MELVIN W., Associate Professor of Architectural Engineering, Pennsylvania State University, University Park, Pa. 1949.

ISHERWOOD, JOHN D., Assistant Professor of Engineering, University of California, Los Angeles, Calif. 1958.

ISLAM, MURRUDIN T., Head of Mechanical Engineering, E. B. Polytechnic Institute, Dacca, East Pakistan. 1956.

IVERSEN, HAROLD W., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1943.

JACKLIN, HAROLD M., Professor of Mechanical Engineering, Director of Applied Mechanics, Indiana Technical College, Fort Wayne 2, Ind. 1953.

JACKSON, ARTHUR, Professor Emeritus of Engineering Drawing, Queens University, Kingston, Ontario. 1952.

JACKSON, DUGALD C., JR., Scientific Educational Advisor, Ballistic Research Laboratories, Aberdeen Proving Ground, Md. 1922.

JACKSON, J. ROY, Consultant, 355 East End Avenue, Beaver, Pa. 1955.

JACKSON, JOHN S., JR., Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1958.

JACKSON, KENNETH B., Professor and Head of Applied Physics, University of Toronto, Toronto, Ontario, Canada. 1953.

JACKSON, MELBOURNE L., Professor and Head, Chemical Engineering, University of Idaho, Moscow, Idaho. (*Member of Council, 1955–57.*) 1945.

JACKSON, NORMAN E., Engineer, Camp, Dresser and McKee, Boston, Mass. 1944.

JACKSON, ROBERT F., Professor of Mathematics, University of Delaware, Newark, Del. 1952.

JACKSON, WILLIS, Associate Engineer, Boeing Airplane Company, Wichita, Kan. 1943.

JACO, CHARLES M., JR., Instructor in Ordnance Engineering, U. S. Military Academy, West Point, N. Y. 1958.

JACOBS, J. DILLARD, Executive Director, Division of Research and Development, and Associate Professor of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1953.

JACOBS, LOUIS, Assistant Professor of Electrical Engineering, Pratt Institute, New York, N. Y. 1957.

JACOBS, ROBERT M., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1958.

JACOBS, ROY K., Professor of Engineering Drawing and Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1934.

JACOBS, SIDNEY N., President, Electronic Radio-Television Institute, Inc., 2055 Harney St., Omaha, Nebr. 1944.

JACOBSEN, LYDIK S., Professor and Head, Dept. of Mechanical Engineering, Stanford University, Stanford, Calif. 1946.

JACOBSON, GEORGE L., Professor of Sanitary Engineering, South Dakota School of Mines and Technology, Rapid City, S. Dak. 1946.

JACUNSKI, EDWIN W., Associate Professor and Head of Engineering Graphics, University of Florida, Gainesville, Fla. 1948.

JAEGER, DOUGLAS T., Executive Appraisal Coordinator, Chrysler Corp., 19925 Hoover Rd., Detroit 5, Mich. 1953.

JAFFE, WILLIAM J., Professor of Management Engineering, Newark College of Engineering, Newark, N. J. 1947.

JAGGARD, ERNEST P., Instructor in Agricultural and Mechanics, Pennsylvania State University, Altoona, Pa. 1956.

JAHN, WALTER H., Aerodynamics Engineer, Transport Division, Boeing Airplane Company, Box 3707, Seattle 24, Wash. 1954.

JAHREN, CHARLES E., Instructor in Science and Mathematics, Austin Junior College, Austin, Minn. 1950.

JAMES, FRED L., Director of Safety, Tellepsen Construction Company, Houston, Texas. 1953.

JAMES, HENRY A., Instructor in Engineering, San Bernardino Valley College, San Bernardino, Calif. 1954.

JAMES, RICHARD E., Assistant Professor of Mechanical Engineering. 1951.

JAMES, RICHARD V., Professor of Theoretical and Applied Mechanics, University of Oklahoma, Norman, Okla. (*Member of Council, 1947–49.*) 1937.

JAMES, WILLIAM J., Associate Professor of Chemistry, University of Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

JAMIESON, ROBERT E., Director of Planning, Brace Bequest, McGill University, Montreal 2, Quebec, Canada. (*Life Member.*) 1929.

JAMISON, JOHN S., JR., Director of Engineering Training, Virginia Military Institute, Lexington, Va. 1946.

JAMISON, ROBERT M., Professor of Mechanical Engineering, Wayne State University, 14184 Artesian, Detroit 23, Mich. 1945.

JANISZ, THADDEUS, Assistant Professor of Electrical Engineering, University of Detroit, Detroit, Mich. 1949.

JANKE, ROBERT A., Assistant Professor of Physics, Michigan College of M. & T., Houghton, Mich. 1946.

JANSEN, RICHARD J., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1956.

JANSSEN, ALLEN S., Dean, College of Engineering, and Director, Engineering Experiment Station, University of Idaho, Moscow, Idaho. 1931.

JANZA, FRANK J., Associate Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

JARAND, LEON N., Engineer, Quality Control, Sangamo Electric Company, Benton 3, Ill. 1950.

JARDETZKY, WENCESLAS S., Associate Professor of Civil Engineering, Manhattan College, 423 W. 118 St., New York 27, N. Y. 1956.

JARVIE, LAWRENCE L., Executive Dean, State University of New York, Albany 1, N. Y. 1948.

JASTRZEBSKI, ZBIGNIEW DAMAZY, Associate Professor of Chemical Engineering, Lafayette College, Easton, Pa. 1953.

JAVIER, RAFAEL L., Instructor in General Engineering, College of Agriculture and Mechanic Arts, Mayaguez, Puerto Rico. 1958.

JEFFERSON, THOMAS B., Professor and Head of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1952.

JEFFREY, JOSEPH O., Professor of Mechanics and Materials, Cornell University, Ithaca, N. Y. 1946.

JEFFREY, WILLIAM, Assistant Professor of Mechanical Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1957.

JEFFRIES, ROBERT J., Long Meadow Hill Road, Brookfield, Conn. 1947.

JELINEK, ROBERT V., Associate Professor of Chemical Engineering and Assistant to the Dean, Syracuse University, Syracuse, N. Y. 1955.

JENDRYNSKI, H. JOSEPH, Development Engineer, Solid Rocket Development, Aerojet-General Corporation, Rancho Cordova, Calif. 1958.

JENKINS, DONALD R., Product Engineering, General Motors Institute, Flint, Mich. 1950.

JENKINS, HERBERT T., Professor and Chairman of Engineering Drawing, University of Michigan, 412 West Engineer Building, Ann Arbor, Mich. 1946.

JENKINS, HOWARD M., Professor and Chairman, Electrical Engineering, Swarthmore College, Swarthmore, Pa. 1931.

JENKINS, JEAN A., Director, Placement Service, Texas Technological College, Lubbock, Tex. 1952.

JENKINS, JOBE, Staff Scientist, Missile Systems Division, Lockheed Aircraft, Palo Alto, Calif. 1943.

JENKINS, LEO B., JR., Assistant Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1953.

JENKINS, RAYMOND E., Associate Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1953.

JENKS, BARTON L., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1957.

JENKS, RICHARD E., Assistant Coordinator of Recruiting, Socony Mobile Oil Company, Inc., 150 East 42nd Street, New York 17, N. Y. 1953.

JENNESS, LYLE C., Head, Dept. of Chemical Engineering, University of Maine, Orono, Maine. 1948.

JENNESS, ROGER R., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1945.

JENNINGS, BURGESS H., Professor, Director of Research for the American Society of Heating and Air-Conditioning Engineers, 7218 Euclid Avenue, Cleveland 3, Ohio. 1933.

JENNINGS, NORMAN F., Associate Professor and Acting Head of Mechanical Engineering, Ohio Northern University, Ada, Ohio. 1954.

JENSEN, ALFRED, Professor Emeritus of Architectural Engineering, University of Washington, Seattle, Wash. *Life Member.* 1932.

JENSEN, CLYDE M., Assistant Professor of General Engineering, Oregon State College, Corvallis, Ore. 1957.

JENSEN, CYRIL D., Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1948.

JENSEN, DEAN ELWOOD, Instructor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1955.

JENSEN, ERLING N., Professor of Physics, Iowa State College, Ames, Iowa. 1954.

JENSEN, IVAN R., Professor and Head of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1952.

JENSEN, MAX C., Professor and Agricultural Engineer, Agricultural Engineering, State College of Washington, Pullman, Wash. 1953.

JENSEN, RALPH C., Officer in Charge, Civil Engineer Corps Officers School, Naval Construction Battalion Center, Port Hueneme, Calif. 1957.

JERABEK, HENRY S., Associate Professor of Metallurgy, University of Minnesota, Minneapolis 14, Minn. 1946.

JERDE, ROBERT S., College Employment Supervisor, Wisconsin Telephone Company, Milwaukee, Wis. 1955.

JERGER, EDWARD W., Associate Professor of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1949.

JESKE, ROBERT L., Associate Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1948.

JESSUP, BOB A., Instructor in Electrical Engineering, State University of Iowa, Iowa City, Iowa. 1958.

JESSUP, WALTER E., Editor, American Society of Civil Engineers, 33 W. 39th, New York, N. Y. 1937.

JEWELL, ARTHUR D., Assistant Principal, McKinley Technical High School, Washington 22, D. C. 1952.

JEWELL, ROBERT M., Instructor in Capital Radio Engineering Institute, Washington, D. C. 1958.

JEWETT, ROBERT A., Assistant Professor of General Engineering, University of Illinois, Urbana, Ill. 1949.

JIJI, LATIF M., Assistant Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1954.

JOERGER, C. ALBERT, Dean Emeritus of Engineering, University of Cincinnati, Cincinnati, Ohio. 1929.

JOFFE, JOSEPH, Professor of Chemical Engineering, Newark College of Engineering, Newark 2, N. J. 1937.

JOHNS, WILLIAM B., JR., Director of Engineering Drawing & Mechanics, Georgie Institute of Technology, Atlanta, Ga. 1935.

JOHNSON, A. PEMBERTON, Assistant Director, Counseling Center, Newark College of Engineering, Newark, N. J. 1941.

JOHNSON, ALBERT R., Professor Emeritus of Structural Design, Rutgers University, New Brunswick, N. J. (Home: 68 N. Sixth Ave., Highland Park, N. J.) *Life member.* 1909.

JOHNSON, ARTHUR J. M., Professor and Head of Physics, Montana State College, Bozeman, Mont. 1955.

JOHNSON, BERKELEY, Instructor in Engineering, College of Marin, Kentfield, Calif. 1958.

JOHNSON, CARL G., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute; Vice President and Director of Research of Presmet Corporation, Worcester, Mass. 1943.

JOHNSON, CHARLES A., Associate Professor of Mathematics, Missouri School of Mines, Rolla, Mo. 1951.

JOHNSON, CHESTER M., Industrial Cost Engineer, Cessna Aircraft, 5739 Sullivan Road, Wichita 15, Kan. 1955.

JOHNSON, DAVID L., Professor and Head of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

JOHNSON, DONALD E., Associate Professor of History, Worcester Polytechnic Institute, Worcester, Mass. 1953.

JOHNSON, ERLE E., Assistant Manager Professional Employment, Educational Department, Westinghouse Electric Corporation, The Merchandise Mart, Chicago 54, Illinois. 1957.

JOHNSON, EDWARD F., Assistant Professor in English, Newark College of Engineering, Newark, N. J. 1953.

JOHNSON, ELLIOTT B., Associate Professor of Civil Engineering, Chico State College, Chico, Calif. 1956.

JOHNSON, ELMER W., Assistant Dean and Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1926.

JOHNSON, EMORY E., Professor and Head, Dept. of Civil Engineering, South Dakota State College, Brookings, S. D. 1943.

JOHNSON, ERNEST E., General Manager, General Engineering Laboratory, General Electric Company, Schenectady, N. Y. 1948.

JOHNSON, ERNEST F., Associate Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1949.

JOHNSON, F. ELLIS, *Retired,* Route 5, Box 437, Salem, Ore. (*Member of Council, 1932–35.*) *Life member.* 1916.

JOHNSON, FRANKLIN B., Assistant Professor of Architectural Engineering, University of Texas, Austin, Tex. 1958.

JOHNSON, FRED M., Consulting Engineer (Owner), Modesto, Calif. 1956.

JOHNSON, GEORGE C. K., Professor and Head of Industrial Engineering, University of Alabama, University, Ala. 1957.

JOHNSON, GERALD E., Section Head, Industrial Engineering Department, General Motors Institute, Flint, Mich. 1957.

JOHNSON, HAROLD A., Professor of Mechanical Engineering, University of California, Berkeley 4, Calif. 1945.

JOHNSON, HERBERT E., III, Associate Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1955.

JOHNSON, HERMAN J., Instructor in Physics, University of Illinois, Navy Pier, Chicago, Ill. 1947.

JOHNSON, HOMER F., JR., Professor of Chemical Engineering, University of Tennessee, Knoxville, Tenn. 1949.

JOHNSON, HOWARD O., Assistant for Program Development, Training Division, Bureau of Naval Personnel, Washington, D. C. 1958.

JOHNSON, HOWARD W., Associate Dean, School of Industrial Management, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

JOHNSON, J. HUGO, Professor Emeritus of Electrical Engineering, University of Idaho, Moscow, Idaho. (Home Address: Rt. 2, Orchard Ave., Moscow, Idaho.) (*Life Member.*) 1926.

JOHNSON, J. STUART, Dean of Engineering, Wayne State University, Detroit, Mich. 1947.

JOHNSON, JAMES K., Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1956.

JOHNSON, KENNETH R., Instructor in Mechanical Engineering, University of New Mexico, Albuquerque, New Mex. 1958.

JOHNSTON, E. RUSSELL, JR., Associate Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1957.

JOHNSON, LAWRENCE V., Director, Southern Technical Institute, Chamblee, Ga. 1943.

JOHNSON, LEE H., Dean of Engineering, Tulane University, New Orleans, La. 1937.

JOHNSON, LEWIS O., Professor of Engineering Drawing, New York University, New York City. 1939.

JOHNSON, MALCOLM C., JR., Editor, College Department, McGraw-Hill Book Company, New York, N. Y. 1958.

JOHNSON, MILTON R., Professor of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

JOHNSON, PHILIP G., Instructor in Physics, Wentworth Institute, Boston, Mass. 1957.

JOHNSON, RAY B., 628 Riverview Drive, N.W., Salem, Ore. 1953.

JOHNSON, RAY C., Assistant Professor of Mechanical Engineering, School of Engineering, Yale University, New Haven, Conn. 1952.

JOHNSON, ROBERT C., Systems Engineer, Thompson-Ramo-Woldridge Products Corporation, P. O. 45067, Airport Station, Los Angeles 45, Calif. 1952.

JOHNSON, ROBERT I., Associate Professor of Industrial Arts, Mankato State College, Mankato, Minn. 1958.

JOHNSON, ROYCE E., Manager of System Controls, Barber-Colman Company, Rockford, Ill. 1943.

JOHNSON, STANLEY S., Assistant Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1947.

JOHNSON, THOMAS G., Assistant Director of Industrial Relations, Danly Machine Specialties, Inc., Park Ridge, Ill. 1956.

JOHNSON, WALTER C., Chairman, Department of Electrical Engineering Princeton University, Princeton, N. J. 1943.

JOHNSON, WILFRID E., General Manager, Nucleonics Dept., General Electric Co., P. O. Box 100, Bldg. 703, Richland, Wash. 1946.

JOHNSTON, A. M., Supervisor of Labor Relations, Westinghouse Electric Corporation, P.O. Box 746, Baltimore 3, Md. 1956.

JOHNSTON, E. RUSSELL, JR., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1950.

JOHNSTON, PAUL K., Head, Mechanical Industrial Engineering Technology, Ohio Mechanics Institute, Cincinnati, Ohio. 1948.

JOHNSTON, ROBERT M., Educational Advisor, Marine Engineering, U. S. Naval Academy, Annapolis, Md. 1953.

JOHNSTON, THEODORE J., School Relations Supervisor, Boeing Airplane Company, Seattle, Wash. 1958.

JOHNSTONE, HENRY F., Research Professor of Chemical Engineering, University of Illinois, Urbana, Ill. 1946.

JOLY, GEORGE W., Assistant Dean of Engineering, McGill University, Montreal, Quebec, Can. 1958.

JONES, ALDEN M., Specialist in Engineering Education, Heavy Military Electronic Equipment Department, General Electric Company, Camillus, N. Y. 1957.

JONES, ALFRED W., Systems Engineer, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1952.

JONES, ARNOLD P., Professor and Head of Mathematics, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

JONES, CHARLES B., Met. Engr., Pratt Institute, Brooklyn, N. Y. 1928.

JONES, CHARLES D., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1957.

JONES, CHARLES S., President of Academy of Aeronautics, LaGuardia Field, New York, N. Y. (*Member of Council, 1955–57.*) 1949.

JONES, EARL E. R., Faculty of Engineering, American University of Beirut, Beirut, Lebanon. 1953.

JONES, EDWARD N., President, Texas Technological College, Lubbock, Texas. 1942.

JONES, EDWIN C., Professor and Head, Dept. of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1942.

JONES, ELTON W., Associate Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1953.

JONES, E. ROGER, JR., Assistant Professor of Mechanical Engineering, Louisiana State University, Baton Rouge, La. 1954.

JONES, FRED R., Professor and Head, Dept. of Agricultural Engineering, A. & M. College of Texas, College Station, Texas. 1944.

JONES, GEORGE L., JR., Assistant Professor of Chemistry, Clarkson College of Technology, Potsdam, N. Y. 1953.

JONES, HERBERT L., JR., Senior Chemist, Product Development, Atlas Powder Co., Wilmington, Del. 1957.

JONES, HOWELL A., Treasurer, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

JONES, JAMES B., Professor and Head, Dept. of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927.

JONES, JAMES B., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1948.

JONES, JAMES O., Head, Engineering and Mathematics, University of Tennessee Junior College, Martin Branch, Martin, Tenn. 1949.

JONES, JOHN EDWARD, Manager, Recruiting and Selection, Manufacturing Services, General Electric Company, Rye, N. Y. 1957.

JONES, JOHN HUGH, Assistant Professor in Civil Engineering, University of California, Berkeley, Calif. 1950.

JONES, LAWRENCE D., Associate Dean and Secretary of Engineering, Ohio State University, Columbus, Ohio. (*Member of Council, 1951–53.*) 1939.

JONES, LLEWELLYN E., Associate Professor of Mechanical Engineering, University of Toronto, Toronto, Ontario, Canada. 1953.

JONES, MACK M., Professor and Chairman, Dept. of Agricultural Engineering, University of Missouri, Columbia, Mo. 1949.

JONES, MORRIS W., Assistant Professor of Electrical Engineering and Assistant to the Dean, University of Virginia, Charlottesville, Va. 1948.

JONES, PAUL G., Professor of T. & A. Mechanics, University of Illinois, Urbana, Ill. 1947.

JONES, PAUL R., Associate Professor of Ceramic Engineering, West Virginia University, Morgantown, W. Va. 1948.

JONES, RALPH W., Associate Professor of Mechanics, University of Delaware, Newark, Del. 1943.

JONES, RAYMOND M., Assistant Professor of Civil Engineering, Howard University, Washington, D. C. 1948.

JONES, RICHARD W., Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1941.

JONES, ROBERT L., Senior Administrative Assistant, Operations Staff, Michigan Consolidated Gas Company, Detroit, Mich. 1958.

JONES, ROBERT R., Assistant Professor of Metallurgical Engineering, Lafayette College, Easton, Pa. 1952.

JONES, ROBERT S., Professor of Industrial Engineering, Wayne State University, Detroit, Mich. 1950.

JONES, ROY W., Head of Engineering Dept., Ventura Junior College, Ventura, Calif. 1947.

JONES, THOMAS F., JR., 1128 Ravinia Road, West Lafayette, Ind. 1951.

JONES, W. DALE, Professor, Mechanical Engineering, Michigan State University, East Lansing, Mich. 1954.

JONES, W. PAUL, Professor of English and Speech, Iowa State College, Ames, Iowa. 1943.

JONES, WEBSTER N., 562 Briar Cliff Road, Pittsburgh, Pa. *Life Member.* 1933.

JONSSON, JENS J., Chairman of Electrical Engineering, Brigham Young University, Provo, Utah. 1957.

JOPPA, ROBERT G., Associate Professor of Aeronautical Engineering, University of Washington, Seattle 5, Wash. 1949.

JORDAN, A. RAYMOND, Dean of Graduate School, Colorado School of Mines, Golden, Colo. 1958.

JORDAN, EDWARD C., Professor and Head of Electrical Engineering, University of Illinois, Urbana, Ill. 1953.

JORDAN, FLOSSIE E., Assistant Professor of Mechanical Engineering Department, University of Arizona, Tucson, Ariz. 1949.

JORDAN, HARVEY H., Professor of General Engineering and Associate Dean, College of Engineering, Emeritus, University of Illinois, Urbana, Ill. (*Vice President, 1931–32; Member of Council, 1924–27.*) 1915.

JORDAN, JAMES A., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1958.

JORDAN, RICHARD C., Professor and Head, Dept. of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1945.

JORDAN, WILLIAM, III, Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1940.

JORDAN, WILLIAM D., Professor of Engineering Mechanics, University of Alabama, University, Ala. 1949.

JORGENSEN, ALBERT, Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1926.

JOSEPH, DAVID, Instructor in Electrical Engineering, Moor School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1956.

JOYCE, ALLEN R., Associate Professor of Engineering, Loyola University, Los Angeles, Calif. 1953.

JOVANOVIC, MILAN K., Associate Professor of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1956.

JUDKINS, ROY L., Associate Professor of Physics, Wayne University, Detroit, Mich. 1953.

JUMIKIS, ALFREDS R., Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1949.

JUNK, FRANK S., Associate Professor of Civil Engineering, University of Idaho, Moscow, Idaho. 1955.

JURAN, J. M., Consulting Management Engineer, 195 Beech St., Tuckahoe, N. Y. 1955.

JURY, STANLEY H., Associate Professor of Chemical Engineering, University of Tennessee, Knoxville, Tenn. 1949.

JUSTICE, HOWARD K., Dean of Engineering, Professor of Mathematics, University of Cincinnati, Cincinnati 21, Ohio. (*Member of Council, 1947–51, 1953–57.*) 1944.

JUSZLI, FRANK L., Instructor in Mathematics, State Technical Institute, Hartford, Conn. 1958.

JUTILA, SAKARI T., Instructor in Electrical Engineering, Syracuse University, Syracuse, N. Y. 1958.

JUVINALL, ROBERT C., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1957.

KADALA, ROBERT, Section Head of Civil Engineering, Division Technology Group, Creole Petroleum Corporation, Jusepin, Edo Monagas, Venezuela. 1950.

KADUSHIN, JACK, Supervisor of Engineering and Electronics Training, Lockheed Aircraft Corporation, Burbank, Calif. 1953.

KAISER, CARL F., Assoc. Professor of Engineering, San Jose State College, San Jose, Calif. 1953.

KAHLERT, CHARLES G., Professor of Engineering Drawing, Compton College, 3601 Agnes, Lynwood, Calif. 1948.

KALB, ETHEL L., Librarian, College of Engineering, Duke University, Durham, N. C. 1953.

KAHL, LOUIS R., Instructor in Mechanical Engineering, Manhattan College, New York, N. Y. 1958.

KAHN, CHARLES H., Associate Professor of Civil Engineering, North Carolina State College, Raleigh, N. C. 1957.

KALETTA, RAYMOND F., Technical Placement Supervisor, McDonnell Aircraft Corporation, Box 516, St. Louis 3, Mo. 1956.

KALISH, AIDA, Instructor in Mathematics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

KALLSEN, HENRY A., Assistant Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1950.

KAMM, ALBERT J., Lecturer in Civil Engineering, University of Buffalo, Buffalo, N. Y.; Town Engineer, Engineering Department, Town of Cheektowaga, Cheektowaga, N. Y. 1947.

KAMMERMEYER, KARL, Professor and Head, Department of Chemical Engineering, State University of Iowa, Iowa City, Iowa. 1949.

KAMPSCHAEFER, OTTO L., Instructor, Lain Technical Institute, Indianapolis, Ind. 1956.

KAMPMEIER, ROLAND A., Assistant Manager, Power Dept., T. V. A., Chattanooga, Tenn. 1939.

KANE, (BROTHER) GABRIEL, F.S.C., Head of Physics, Manhattan College, New York, N. Y. 1955.

KANE, GEORGE E., Assistant Professor of Industrial Engineering, Lehigh University, Bethlehem, Pa. 1958.

KANE, HARRISON, Assistant Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1957.

KAPLAN, BERNARD, Assistant Professor of Civil Engineering, City College of New York, New York, N. Y. 1951.

KAPLAN, MARTIN N., Assistant Professor of Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1953.

KAPP, CECIL A., Director, Cooperative Education, Drexel Institute of Technology, Philadelphia, Pa. 1929.

KAPP, HERMAN E., Instructor, New York Graduate Engineering Training Center, Western Electric Co., Inc., 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

KARAKASH, JOHN J., Head and Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1951.

KARARA, HOUSSAM M., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1957.

KARLSON, JOHN H., Development Engineer, The Louis Allis Company, Milwaukee, Wis. 1954.

KARPINSKI, ROBERT W., Head, Geology Department, University of Illinois in Chicago, Navy Pier, Chicago 11, Ill. 1958.

KARRER, EMMETT H., Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1947.

KARSTEN, ANDREW, Professor of Chemical Engineering and Director of Research, South Dakota State School of Mines and Technology, Rapid City, S. D. 1948.

KARSTEN, HENRY, Instructor in Engineering Drawing, Newark College of Engineering, Newark, N. J. 1958.

KATES, ROBERT J., JR., Instructor in Engineering Drawing, Northeastern University, Boston, Mass. 1957.

KATTCHEE, NICHOLAS N., Instructor in Mechanical Engineering, State University of Iowa, Iowa City, Ia. 1958.

KATTWINKEL, O. FRANK, Major, United States Air Force, Special Assistant to District Chief of Procurement Activities, Missile Program, Air Material Command, Newark Air Procurement District, Newark, N. J. 1949.

KATZ, DONALD L., Professor and Chairman, Dept. of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1944.

KATZ, HYMAN H., Vice President and Director, Allied Institute of Technology, Chicago 5, Ill. 1948.

KATZ, ISRAEL, Consulting Engineer, Defence Electronics, Advanced Electronics Center, General Electric Company, Ithaca, N. Y. 1946.

KAUFMAN, JOSEPH J., Producibility Engineer, Design Support, The Martin Company, Baltimore, Md. 1956.

KAUFMAN, LUCILE B., Assistant Professor of Engineering, Arizona State College, Tempe, Ariz. 1957.

KAUFMAN, MURRAY, Technical Educator, Small Aircraft Engine Department, General Electric Company, 1000 Western Avenue, West Lynn 3, Mass. 1950.

KAUFMAN, RAYMOND, Technical Director, M. Rosenblatt & Son, Naval Architects and Marine Engineers, 69 Davis Road, Port Washington, N. Y. 1954.

KAUFMANN, MORRIS I., Consultant Engineer, P. O. Box 66, Shelley, Idaho. 1957.

KAUPPINEN, TENHO S., Associate Professor of Mechanics, University of New Hampshire, Durham, N. H. 1940.

KAUZLARICH, JAMES J., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester 9, Mass. 1956.

KAVANAGH, THOMAS C., Partner, Praeger-Kavanagh Engineering; Adjunct Professor of Civil Engineering, Columbia University, New York, N. Y. 1947.

KAVANAUGH, DENNIS, Professor Emeritus of Mechanical Engineering, United States Naval Postgraduate School, Monterey, Calif. (Home: 1090 Rosita Road-Del Rey Terrace.) (*Life Member.*) 1925.

KAY, WESLEY K., Associate Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1950.

KAY, WILLIAM J., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1954.

KAYAN, CARL F., Professor of Mechanical Engineering, Columbia University, New York, N. Y.

KAY, JOHN, Associate Professor of Engineering Administration, The George Washington University, Washington 6, D. C. 1951.

KAYE, JOSEPH, Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

KAYS, WILLIAM M., Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1952.

KAZI, AFZAL M., Assistant Professor of Mechanics, College of Engineering, Lahore, West Pakistan. 1958.

KEABLES, NELSON C., Associate Professor of English, Newark College of Engineering, Newark, N. J. 1949.

KEACHIE, EDWARD C., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

KEAR, EDWARD B., JR., Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1957.

KEARNS, CLYDE H., JR., Assistant Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1950.

KEATING, ARTHUR E., Professor and Chairman of Industrial Engineering, Northeastern University, Boston, Mass.; President, The Bridgeport Engineering Institute, Bridgeport, Conn. 1948.

KEATOR, FREDERIC W., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1929.

KECECIOGLU, DIMITRI B., Assistant to the Director of Mechanical Engineering, Industries Group, Allis-Chalmers Manufacturing Company, Milwaukee, Wis. 1951.

KEE, WALTER A., Chief Librarian, Engineering, Glenn L. Martin Company, Baltimore, Md. 1950.

KEEFFE, GEORGE C., Professor of Chemical Engineering, Newark College of Engineering, Newark, N. J. 1943.

KEEGAN, FRANK J., Director, Keegan School of Television, Memphis, Tenn. 1956.

KEELER, HUGH E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1926.

KEELER, ROBERT J., 4309 Aldrich Ave. S., Minneapolis 9, Minn. 1953.

KEEN, EDWARD C., Instructor in Engineering, The Pennsylvania State University, University Park, Pa. 1958.

KEENAN, JOHN A., III, Teaching Assistant in Electrical Engineering, University of Wisconsin, Madison, Wis. 1958.

KEENAN, JOSEPH H., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1938.

KEENE, ARCHIE T., President, Indiana Technical College, Ft. Wayne, Ind. 1943.

KEGERREIS, ROY, Physician, 145 W. North Ave., Elmhurst, Ill. *Life member.* 1913.

KEHO, CLIFF H., Lecturer, Civil Engineering, Northwestern University, Evanston, Ill. 1955.

KEICHER, PAUL E., Instructor Engineering Drawing, Syracuse University, Syracuse, New York. 1953.

KEIGHTLEY, WILLARD O., Assistant Professor of Civil Engineering, Montana State College, Bozeman, Mont. 1955.

KEIM, PAUL F., Professor of Civil Engineering, University of California, Berkeley 4, Calif. 1955.

KEISTER, PAUL H., Associate Professor of Mechanics, USAF Institute of Technology, Wright-Patterson A. F. Base, Dayton, Ohio. 1946.

KEITH, CHARLES W., Instructor in Engineering Drawing, Kent State University, Kent, Ohio. 1955.

KEITH, KERMIT K., Instructor of Architecture, Howard University, Washington, D. C. 1955.

KEITH, WARREN G., Professor of Civil Engineering, University of Alabama, University, Ala. 1943.

KEITH, WAYNE E., General Employment and Training Supervisor, New England Tel. & Tel. Co., 185 Franklin St., Boston 7, Mass. 1939.

KELLEHER, WILLIAM J., Senior Engineer, Hall & Company, Incorporated, Delmar, N. Y. 1953.

KELLER, ARTHUR R., 2456 Oahu Ave., Honolulu 14, T. H. *Life member.* 1910.

KELLER, DUANE R., Professor and Head of Civil Engineering, University of Akron, Akron 4, Ohio. 1949.

KELLER, EARL W., Assistant Professor of Electrical Engineering, Columbia University, New York 27, N. Y. 1953.

KELLER, EDWARD L., Director of General Extension, Pennsylvania State University, University Park, Pa. 1952.

KELLEY, H. HAROLD, Associate Professor of Engineering Research, Ordnance Research Laboratory, College of Engineering and Architecture, Pennsylvania State University, University Park, Pa. 1957.

KELLEY, JOHN R., Chief Instructor, Home Study Division, Capitol Radio Engineering Institute, Washington, D. C. 1957.

KELLY, GEORGE E., JR., Instructor in Electrical Engineering, Prairie View Agricultural and Mechanical College, Prairie View, Tex. 1957.

KELLOGG, FREDERIC H., Dean of Engineering, Professor of Civil Engineering, University of Mississippi, University, Miss. 1956.

KELLS, LYMAN M., Professor Emeritus of Mathematics, U. S. Naval Academy, Annapolis, Md. (Home: 23 Thompson St.) 1942.

KELLY, BROTHER BERNARD T., F.S.C., Assistant Professor of Physics, Manhattan College, New York 71, N. Y. 1957.

KELLY, FRANK H., Assistant Professor of Humanities and Social Studies, Montana School of Mines, Butte, Mont. 1957.

KELLY, JOE W., Professor of Civil Engineering, University of California, Berkeley 4, Calif. 1940.

KELLY, PATRICK J., Instructor in Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1958.

KELLY, THOMAS A., Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1947.

KELSEY, ELIZABETH, 3439 Mono Drive, Riverside, Calif. 1950.

KELSO, ELIZABETH A., Assistant Professor of Engineering Graphics, University of Maine, Orono, Me. 1953.

KEMIEN, C. ZELMAN, Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1958.

KEMP, C. ERNEST, Assistant Professor of Geology, Michigan College of M. & T., Sault Ste. Marie, Mich. 1952.

KENERSON, W. H., Professor of Mechanical Engineering, Emeritus, Brown University, Providence, R. I. (*Member of Council, 1924–27.*) *Life member.* 1903.

KENNEDY, CHRISTOPHER FRANCIS, Assistant Professor of Mathematics, Northeastern University, Boston, Mass. 1953.

KENNEDY, JOHN J., Civil Engineer, District Public Works Office, Sixth Naval District, Naval Base, Charleston, S. C. 1953.

KENNEDY, MADELINE L., Instructor in Mathematics, Marquette University, Milwaukee, Wis. 1957.

KENNEDY, OWEN W., Associate Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester 9, Mass. 1952.

KENNEDY, VERNE C., JR., Executive Director, Research Institute, University of Oklahoma, Norman, Okla. 1958.

KENNEDY, WILLIAM J., JR., Instructor in Steam and Diesel Engineering, Wentworth Institute, Boston, Mass. 1956.

KENNY, LYLE D., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

KENT, BRYAN, Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

KENT, GEORGE J., Adjunct Professor of Electrical Engineering, Polytechnic Institute of Brooklyn; Department Chief, Graduate Training Center, Western Electric Company, Incorporated, 185 W. 86th St., New York 24, N. Y. 1957.

KENT, JACK T., Associate Professor of Mathematics, Texas A. & M. College, College Station, Texas. 1948.

KENT, JOSEPH C., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1956.

KENYON, CHARLES D., Associate Professor of Physics, Tri-State College, Angola, Ind. 1950.

KENYON, RICHARD A., Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1958.

KENYON, VAN L., Professor of Mechanical Engineering, Duke University, Durham, N. C. 1943.

KEOSAIAN, EDWARD, Assistant Professor of Civil Engineering, City College of New York, New York, N. Y. 1951.

KEPHART, RALPH C., Assistant Professor of Engineering Graphics, University of Florida, Gainesville, Fla. 1954.

KEPLER, HAROLD B., Assistant Professor, Mechanical Engineering Department, USAF Institute of Technology, Dayton, Ohio. 1948.

KEPNER, HAROLD R., Professor of Civil Engineering, Utah State University, Logan, Utah. 1930.

KEPNER, ROBERT A., Professor of Agricultural Engineering, University of California, Davis, Calif. 1951.

KERCHNER, RUSSELL M., Head, Electrical Engineering, Kansas State College, Manhattan, Kans. 1923.

KEREKES, FRANK, Dean of the Faculty, Michigan College of Mining and Technology, Houghton, Mich. (*Member of Council, 1954–56.*) 1927.

KERR, ALFRED A., Associate Professor of Engineering, Lafayette College, Easton, Pa. 1949.

KERR, HAROLD H., Instructor in Engineering Drawing, University of Wisconsin Extension Center, Racine, Wis. 1958.

KERR, HOWARD H., Principal of Ryerson Institute of Technology, Toronto, Ontario, Canada. 1957.

KERR, HUGH B., Associate Professor of Mechanical Engineering, University of Mississippi, Oxford, Miss. 1953.

KERR, RICHARD H., Associate Professor of Mathematics, Missouri School of Mines, Rolla, Mo. 1946.

KERR, ROBERT B., Instructor in Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1955.

KERR, WILLARD A., Associate Professor of Psychology & Education, Illinois Institute of Technology, Chicago, Ill. 1956.

KERR, WILLIAM, Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1953.

KERSTEN, LEENDERT, Instructor in Engineering Mechanics, University of Nebraska, Lincoln, Neb. 1957.

KERSTEN, MILES S., Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1947.

KERSTEN, ROBERT D., Assistant Professor of Civil Engineering, Oklahoma State University, Stillwater, Okla. 1957.

KERTIS, ALEX J., Personnel Consultant, City of Indianapolis, Indianapolis, Ind. 1949.

KESLER, CLYDE E., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1952.

KESSLER, CHARLES J., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1958.

KESSLER, RICHARD, Instructor in Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. 1955.

KETCHAM, BRUCE V., Associate Professor and Chairman of Aeronautical Engineering, University of Oklahoma, Norman, Okla. 1947.

KETCHUM, GARDNER M., Professor of Mechanical Engineering, Union College, Schenectady, N. Y. 1953.

KETCHUM, MILO S., JR., Consulting Engineer, 627 Franklin St., Denver 18, Colo. 1938.

KETTER, ROBERT L., Research Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1958.

KEUPER, JEROME P., General Delivery, Melbourne Beach, Florida. 1956.

KEY, JOHN C., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1943.

KEYSER, CARL A., Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1950.

KEZIOS, STOTHE P., Professor of Mechanical Engineering, Director of the Heat Transfer Laboratory, Illinois Institute of Technology, Chicago 16, Ill. 1947.

KHACHATURIAN, NARBEY, Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1957.

KHAMMASH, TARIG B., Instructor in Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1957.

KIBBEY, DONALD R., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio. 1952.

KIEFER, FRED W., JR., Assistant Professor of Civil Engineering, Utah State University, Logan, Utah. 1956.

KIEFER, PAUL J., Senior Professor Emeritus of Mechanical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1917.

KIEHL, ROBERT E., Professor of Management and Personnel, Newark College of Engineering, Newark, N. J. 1947.

KIELING, WILLIAM C., Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

KIERNAN, CHARLES J., Associate Professor Emeritus, Newark College of Engineering, Newark, N. J. (Home Address: 12 Floyd St., Belleville 9, N. J.) (*Life Member.*) 1931.

KIESLING, ERNST W., 2812 Second Place, Lubbock, Tex. 1957.

KIKER, JOHN E., JR., Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1949.

KILBOURNE, LEE, Coordinator of Engineering, Co-op Education for Navy Activities, Industrial Relations, Great Lakes, Ill. 1957.

KILBRIDGE, M. D., School of Business, University of Chicago, Chicago 37, Ill.

KILCAWLEY, EDWARD J., Professor and Head of Soil Mechanics and Environmental Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1940.

KILGORE, HERBERT H., Mfg. Representative, Educational Department, Keuffel and Esser Company, Stone Mountain, Ga. 1958.

KILLIAN, J. R., JR., President, Massachusetts Institute of Technology, Cambridge, Mass. (*Vice President, 1946–47.*) 1939.

KILLIAN, THOMAS J., Deputy Chief and Chief Scientist, Office of Naval Research, Washington, D. C. 1954.

KILLINGSWORTH, ROY W., Associate Professor of Engineering, Assistant Dean, College of Engineering, University of Alabama, University, Ala. 1956.

KILNER, DONALD D., Associate Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1952.

KIMBALL, DEAN E., Assistant Professor of Electrical Engineering, Antioch College, Yellow Springs, O. 1956.

KIMBALL, LEE E., Associate Professor of Ind. Engineering, Institute of Technology, St. Louis University, St. Louis, Mo. 1951.

KIMBALL, ROBERT M., Secretary, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

KIMBALL, SPOFFORD H., Professor and Head of Mathematics and Astronomy, University of Maine, Orono, Me. 1943.

KIMBALL, WM. P., Dean, Professor of Civil Engineering Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1933.

KIMBARK, EDWARD W., Dean of Engineering, Seattle University, Seattle 22, Wash. 1936.

KIMBERLY, EMERSON E., Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. 1943.

KIMBRELL, JACK T., Associate Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1957.

KIMEL, WILLIAM R., Professor and Head of Nuclear Engineering, Kansas State College, Manhattan, Kans. 1948.

KINARD, DRAYTON, Professor and Head of Agricultural Engineering, University of Kentucky, Lexington, Ky. 1957.

KINDIG, CARL H., Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1939.

KINDLER, HERBERT S., Director, Technical and Educational Services, Instrument Society of America, Pittsburgh 22, Pa. 1958.

KINDSVATER, CARL E., Regents Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

KING, ALFRED S., Assistant Professor of Engineering, Arizona State College, Tempe, Ariz. 1958.

KING, C. D. GREGG, Associate Professor of Mechanical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1949.

KING, DAVID L., Instructor in Architecture, Lain Technical Institute, Indianapolis, Ind. 1957.

KING, ELLIS F., Associate Professor in Engineering, University of California, Los Angeles, Calif. 1949.

KING EVERETT E., Professor of Railway Civil Engineering, Emeritus, University of Illinois, Urbana, Ill. *Life Member.* 1908.

KING, HOWARD W., JR., Instructor in Civil Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1956.

KING, JOHN A., Professor of Mechanical Engineering, Syracuse University, Syracuse 10, N. Y. 1935.

KING, MORLAND, Professor and Head Emeritus, Dept. of Electrical Engineering, Lafayette College, Easton, Pa. (*Member of Council, 1932–35.*) *Life Member.* 1920.

KING, RAY J., Instructor in Electronic Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

KING, RENO C., Associate Professor, Mechanical Engineering, New York University, New York, N. Y. 1955.

KING, RICHARD, Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1940.

KING, ROBERT K., Instructor in Mathematics and Science, Tri-State College, Angola, Ind. 1957.

KING, ROBERT M., Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio. 1937.

KING, W. JULIAN, Professor of Engineering, University of California, Los Angeles 24, Calif. 1946.

KINGERY, BERNARD T., Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1953.

KINGSEP, OTTO, Shop Director, Provincial Institute of Technology and Art, Calgary, Alberta, Canada. 1957.

KINGSLEY, CHARLES, JR., Associate Professor, Electrical Engineering Dept., Massachusetts Institute of Technology, Cambridge 39, Mass. 1940.

KINNEN, EDWIN, Assistant Professor of Electrical Engineering, Purdue University, West Lafayete, Ind. 1958.

KINNER, HAROLD G., Associate Professor of Engineering Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

KINNEY, EDWARD E., Consultant (Retired), Michigan State University, East Lansing, Mich. (Home Address: 1239 Kindale, R. D. 2, Okemos, Mich.) 1925.

KINNEY, GILBERT F., Professor of Chemical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1935.

KINSLOW, RAY, Professor and Head of General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1949.

KINTNER, ROBERT C., Professor of Chemical Engineering, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1946–47.*) 1934.

KIPP, HAROLD L., Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1938.

KIPP, JOHN E., Assistant Professor of Applied Mechanics, Kansas State College, Manhattan, Kan. 1955.

KIPP, RAYMOND J., Instructor in Civil Engineering, Marquette University, Milwaukee, Wis. 1954.

KIPPENHAN, CHARLES J., Professor and Chairman of Mechanical Engineering, Washington University, St. Louis, Mo. 1950.

KIRBY, LONGLEY R., Professor of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1943.

KIRCHNER, JAMES W., Manager of Production Coordination Section, Engineering Department, Jack & Keinz, Incorporated, Cleveland, Ohio. 1951.

KIRK, FRANCIS S., Captain in United States Naval Reserve, Director of Publications, United States Correspondence Course Center, Brooklyn, N. Y. 1945.

KIRK, THOMAS, JR., Instructor in Mathematics, West Virginia Institute of Technology, Montgomery, W. Va. 1957.

KIRKBRIDE, CHALMER G., President, Houdry Process Corp., Philadelphia, Pa. 1949.

KIRKPATRICK, C. V., Chairman, Petroleum Engineering Department, University of Houston, Houston, Texas. 1949.

KIRKPATRICK, EDWARD T., Assistant Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1957.

KIRKPATRICK, SIDNEY D., Editorial Director, Chemical Engineering, McGraw-Hill Publishing Company, Inc., 330 West 42nd Street, New York 36, N. Y. 1942.

KIRMSER, PHILIP G., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1955.

KIRWIN, GERALD J., Assistant Professor of Electrical Engineering, Merrimack College, North Andover, Mass. 1957.

KISHIBAY, CHARLES O., Head Research Section, Singer Manufacturing Company, Bridgeport, Conn. 1946.

KISIEL, CHESTER C., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

KISSAM, PHILIP, Professor, Dept. of Civil Engineering, Princeton University, Princeton, N. J. 1934.

KISSLINGER, CARL, Associate Professor of Geophysical Engineering and Geophysics, St. Louis University, St. Louis 8, Mo. 1951.

KISTLER, PAUL N., Professor of Mechanical Engineering, Brown University, Providence, R. I. 1931.

KISTLER, SAMUEL S., Dean, College of Engineering, University of Utah, Salt Lake City, Utah. 1952.

KITTINGER, WILLIAM T., Assistant Professor of Electrical Engineering, University of Houston, Houston, Texas. 1953.

KJETSAA, CHESTER E., Instructor in Mechanical Engineering, Princeton University, Princeton, N. J. 1957.

KLAGE, RALPH W., Head Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1952.

KLAUTSCH, ADOLPH A., Senior Technical Instructor in Psychology, General Motors Institute, Flint, Mich. 1957.

KLEIN, DONALD R., Assistant Professor of Chemical Engineering, Villanova University, Villanova, Pa. 1956.

KLEIN, ROGER F., Instructor, Lain Technical Institute, Indianapolis, Ind. 1958.

KLEINHENZ, WILLIAM A., Assistant Professor of Drawing, University of Minnesota, Minneapolis, Minn. 1950.

KLEINSCHMIDT, ARTHUR C., Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1952.

KLEINSCHMIDT, ROBERT B., Professor of Engineering Drawing and Mechanics, University of Buffalo, Buffalo, N. Y. 1939.

KLEIS, ROBERT W., Head of Agricultural Engineering, University of Massachusetts, Amherst, Mass. 1957.

KLEKOTKA, JOHN A., REV., Electrical Engineering, Villanova University, Villanova, Pa. 1951.

KLEPINGER, WALTER J., Assistant Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1958.

KLETSKY, EARL J., Instructor in Electrical Engineering, Syracuse University, Syracuse, N. Y. 1958.

KLINE, BENNETT E., Vice President, Wabash College, Crawfordsville, Indiana. 1953.

KLINE, DAVID F., Supervisor, Honors Program, Engineering Training and Education, Engineering Services Division, General Electric Corporation, Schenectady, N. Y. 1954.

KLINE, STEPHEN J., Associate Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1952.

KLINGENBERGER, JAMES L., Professor and Head of Electrical Engineering, Ohio Northern University, Ada, Ohio. 1949.

KLIPHARDT, RAYMOND A., Associate Professor of Engineering Drawing, Northwestern University, Evanston, Ill. 1947.

KLIPPLE, EDMUND C., Professor of Mathematics, Texas A. & M. College, College Station, Texas. 1948.

KLITGORD, OTTO, President, New York City Community College, 300 Pearl St., Brooklyn 1, N. Y. 1947.

KLOEFFLER, ROYCE G., 4201 Massachusetts Ave., N.W., Washington 16, D. C. 1919.

KLOPP, MARK E., Instructor in Engineering Drawing, Southern Illinois University, Carbondale, Ill. 1954.

KLOSE, ORVAL M., Associate Professor of Mathematics, Humboldt State College, Arcata, Calif. 1950.

KLOTTER, KARL, Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1953.

KLOTZ, J. CHARLES, Professor and Head, Dept. of Aeronautical Engineering, University of Tulsa, Tulsa, Okla. 1947.

KLUGE, RALPH W., Professor and Head of Civil Engineering, University of Florida, Gainesville, Fla. 1952.

KNAPP, WILLARD A., Associate Dean Emeritus of Engineering, Purdue University, Lafayette, Ind. 1920.

KNAPP, WILLIAM J., Professor of Engineering, University of California, Los Angeles 24, Calif. 1949.

KNAUSS, HAROLD P., Head of Physics, University of Connecticut, Storrs, Conn. 1957.

KNEBEL, ARTHUR H., Professor and Head of Engineering Graphics, University of Cincinati, Cincinnati, Ohio. 1948.

KNICKERBOCKER, LEWIS L., Personnel Assistant, The Detroit Edison Company, 2000 Second Avenue, Detroit 26, Mich. 1956.

KNIGHT, ARTHUR J., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester 2, Mass. 1926.

KNIGHT, LEVI J., JR., Captain, U. S. Navy (Retired), Lecturer in Engineering, University of California, Los Angeles 24, Calif. 1954.

KNIGHT, ODON S., Chief Engineer, S. B. Penick & Co., Lyndhurst, N. J. (Home: 94 Vreeland Ave., Rutherford, N. J.) 1941.

KNIGHT, RAYMOND M., Senior Instructor in Mathematics, Wentworth Institute, Boston, Mass. 1958.

KNIGHT, RICHARD B., Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1958.

KNIGHT, STEPHEN C., JR., Assistant Professor of Civil Engineering, University of Vermont, Burlington, Vt. 1953.

KNIGHT, W. A., Professor of Mechanical Practice, Emeritus, The Ohio State University, Columbus, Ohio. *Life member.* 1907.

KNIPMEYER, CLARENCE C., Consultant, Paul Weir Company, E. K. I., Zonguldak, Turkey. *Life Member.* 1929.

KNISLEY, A. WARD, Instructor, Technical Institute, University of Dayton, Dayton, Ohio. 1954.

KNOBLOCK, EDWARD W., Instructor in Drawing and Descriptive Geometry, University of Wisconsin, Milwaukee, Wis. 1957.

KNOLL, HORTON B., Associate Professor of English, Purdue University, Lafayette, Ind. 1940.

KNOPF, WILLIAM C., JR., Assistant Director of Research, International Minerals and Chemical Corporation, 5401 Harrison Street, Skokie, Ill. 1949.

KNOTT, CHARLES E., Assistant Dean of Engineering, California State Polytechnic College, Pomona, Calif. 1948.

KNOWLER, LLOYD A., Chairman, Dept. of Mathematics and Astronomy, State University of Iowa, Iowa City, Iowa. 1946.

KNOWLES, ASA S., President-elect., Northeastern University, Boston, Mass. 1947.

KNOX, RICHARD F., Assistant Professor of Electrical Engineering, Washington State College, Pullman, Wash. 1949.

KNUDSEN, A. RUSSELL, Instructor in Mathematics and Radio Engineering, Valparaiso Technical Institute, Valparaiso, Ind. 1952.

KNUDSEN, HAROLD B., Dean, Chicago Technical College, Chicago, Ill. 1946.

KNUDSEN, JOHN R., Assistant Professor of Mathematics, New York University, New York, N. Y. 1952.

KNUDSON, CLARENCE M., Dean, College of Engineering, University of Denver, Denver, Colo. 1941.

KNUDSON, MARVIN C., President, Pueblo Junior College, Pueblo, Colo. 1950.

KNUDSON, ORAN M., Professor and Head, Dept. of Chemistry, Rose Polytechnic Institute, Terre Haute, Ind. 1949.

KNUTSEN, HAROLD W., Assistant Professor of Mechanics and Mechanical Engineering, University of Wisconsin-Milwaukee, Milwaukee, Wis. 1949.

KOBE, KENNETH A., Professor of Chemical Engineering, University of Texas, Austin, Texas. (*Member of Council, 1955–57.*) 1953.

KOCH, EDWIN, G., President, Montana School of Mines, Butte, Montana. 1953.

KOCHENBURGER, RALPH J., Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1951.

KOEHLER, GLENN, Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1946.

KOEHLER, WALTER A., Professor and Head, Dept. of Chemical Engineering, and Director, Engineering Experiment Station, West Virginia University, Morgantown, W. Va. (*Member of Council, 1948–50.*) 1936.

KOENIG, HERMAN E., Associate Professor of Electrical Engineering, Michigan State University, East Lansing, Mich. 1953.

KOENIG, JOHN H., Director, School of Ceramics, Rutgers University, New Brunswick, N. J. 1954.

KOENIG, LLOYD R., Senior Partner, Koenig and Pope Company, 818 Olive Street, St. Louis 1, Mo. 1931.

KOEPKE, CHARLES A., Staff Engineer, Minneapolis Honeywell, 2753 4th Avenue South, St. Paul, Minn. 1929.

KOEPSEL, WILLINGTON W., School of Engineering, Southern Methodist University, Dallas, Texas. 1957.

KOEPSELL, PAUL L., Assistant Professor of Civil Engineering, South Dakota State College, College Station, S. D. 1957.

KOERBER, GEORGE G., Associate Professor of Mechanics, Michigan College of Mining and Technology, Houghton, Mich. 1958.

KOERNER, CARL T., Engineer, American Telephone and Telegraph Company, New York, N. Y. 1956.

KOERPER, ERHARDT C., Vice President, Educational and Technical Consultants, Koerper Engineering Associates, Milwaukee, Wis. 1946.

KOFFOLT, JOSEPH H., Professor and Head, Dept. of Chemical Engineering, The Ohio State University, Columbus 10, Ohio. (*Member of Council, 1947–49.*) 1933.

KOGA, ISSAC, Dean, Faculty of Engineering, University of Tokyo, Bunkyo-Ku, Tokyo, Japan. 1953.

KOHL, JOHN C., Director, Transportation Institute, Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1948.

KOHLER, RICHARD C., Assistant Professor of General Engineering, University of Illinois, Chicago, Ill. 1956.

KOLB, ROBERT P., Counseling Engineer, 90 Robinwood Road, Hamden 17, Conn. 1925.

KOLEGA, JOHN J., Chairman of Agricultural Engineering Department, University of New Hampshire, Durham, N. H. 1957.

KOLESAR, JOHN, Instructor, The Pennsylvania State University Center, Wilkes-Barre, Pa. 1956.

KOLF, RICHARD C., Assistant Professor of Engineering Mechanics, Marquette University, Milwaukee, Wis. 1956.

KOLINER, RALPH, Associate Professor of Civil Engineering, Villanova University, Villanova, Pa. 1950.

KOLLIN, ROBERT, JR., Instructor in Drafting, Henry Ford Community College, Detroit 39, Mich. 1957.

KOLODNEY, MORRIS, Professor of Chemical Engineering, City College of New York, New York 31, N. Y. 1958.

KOLUPAILA, STEPONAS, Professor of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1955.

KOMMERS, JESSE B., Professor, Dept. of Mechanics, Emeritus, University of Wisconsin, Madison, Wis. *Life Member.* 1923.

KOMMIT, DANIEL L., Engineer, Research and Engineering Department, Airborne Instruments Laboratory, Mineola, Long Island, N. Y. 1955.

KONECNY, ANTHONY R., Assistant Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1953.

KONICHEK, DORLAND H., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1956.

KONOVE, CARL, Associate Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1941.

KONZO, SEICHI, Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

KOONTZ, CARL H., Head of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1957.

KOOPMAN, RICHARD J. W., Professor and Head, Dept. of Electrical Engineering, Washington University, St. Louis, Mo. 1939.

KOOS, PAUL V., Technical Employment Supervisor, Bell Telephone Labs., Inc., 463 West Street, New York, N. Y. 1949.

KOPKA, MERLAND A., Director of Placement Services, Wayne State University, Detroit, Mich. 1949.

KOPP, E. W., Assistant Dean of Engineering, Associate Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1956.

KORDA, EDWARD J., Associate Professor of Metallurgical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1957.

KOREN, CHARLES, Assistant Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1957.

KORGES, EMERSON, Professor of Engineering, Texas College of Arts and Industries, Kingsville, Tex. 1946.

KOROLENKO, VLADIMIR G., Assitant Professor of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1954.

KOSKI, PAUL I., Assistant Professor of Mechanical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1950.

KOSNER, EDWARD F., Assistant Training Director, Allied Institute of Technology, Cicero, Illinois. 1951.

KOSOW, IRVING L., Professor and Head of Electrical Technology, Staten Island Community College, Staten Island 1, N. Y. 1956.

KOSSO, EUGENE V., Instructor in Electrical Engineering, Syracuse University, Syracuse, N. Y. 1954.

KOTH, ARTHUR W., Professor of Mining, University of North Dakota, Grand Forks, N. D. 1935.

KOUNTZ, R. R., Professor of Sanitary Engineering, Pennsylvania State University, University Park, Pa. 1952.

KOVARIK, ALOIS F., Professor Emeritus of Physics, Yale University, New Haven, Conn. (Home address: P. O. Box 2, Spillville, Iowa.) *Life Member.* 1919.

KOWALCZYK, LEON S., Professor of Chem. E., University of Detroit, Detroit 21, Mich. 1951.

KOWALKE, OTTO L., Professor Emeritus of Chemical Engineering, University of Wisconsin, Madison, Wis. *Life Member.* 1918.

KOWNACKI, STANISLAW, Associate Professor of Electrical Engineering, University of Santa Clara, Santa Clara, Calif. 1953.

KRAFT, WENDELL E., Associate Professor of Eng. Trinity College, Hartford, Conn. 1955.

KRAJOVIC, JESSE J., Coordinator, College Relations, The Martin Company, Baltimore 3, Md. 1955.

KRAMARSIO, ROMAN J., Aerodynamic Engineer, Curtis-Wright Corporation, Utica, Mich. 1958.

KRAMER, LAWRENCE A., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

KRANICH, WILMER L., Professor of Chemical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1955.

KRANS, DONALD H., Laboratory Manager, The Trane Co., La Crosse, Wis. 1947.

KRANZBERG, MELVIN, Associate Professor of History, Case Institute of Technology, Cleveland 6, Ohio. 1955.

KRASHES, DAVID, Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass.

KRATHWOHL, WILLIAM C., Professor Emeritus of Mathematics, Illinois Institute of Technology, Box 103, 3300 South Federal Street, Chicago 16, Ill. *Life Member.* 1927.

KRAUS, WILLIAM A., George Washington Hotel, Washington, Pa. 1957.

KRAUSE, HENRY, Assistant Professor of Engineering Drawing, Michigan State University, East Lansing, Mich. 1951.

KRAUSS, HERBERT L., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1954.

KRAUSS, J. EDWARD, Professor and Head of Mechanical Technology, New York City Community College, 300 Pearl Street, Brooklyn 1, N. Y. 1948.

KRAVETZ, ADAM J., Assistant Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada. 1950.

KRAYBILL, EDWARD K., Associate Professor of Electrical Engineering, Assistant to Dean of Engineering, Duke University, Durham, N. C. (*Member of Council, 1956–58.*) 1940.

KRAYBILL, RICHARD R., Associate Professor of Chemical Engineering, University of Rochester, Rochester, N. Y. 1950.

KREBSBACH, VERN A., Instructor in Technical Institutes, Henry Ford Community College, Dearborn, Mich. 1958.

KREER, JOHN B., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1957.

KREFELD, WILLIAM J., Professor of Civil Engineering, Columbia University, New York, N. Y. 1929.

KREIDER, MORRIS J., Associate Professor of Mathematics, University of Dayton, Dayton, Ohio. 1949.

KREIDER, ORLANDO C., Assoc. Professor of Mathematics, Iowa State College, Ames, Iowa. 1948.

KRIEGER, HARRY, JR., Manager, Camden Engineering Personnel, Radio Corporation of America, Camden, N. J. 1955.

KREIMER, BORAH L., Assistant Professor of Engineering Drawing, Northeastern University, Boston, Mass. 1953.

KREISLE, LEONARDT F., Associate Professor of Mechanical Engineering, The University of Texas, Austin, Tex. 1947.

KREITH, FRANK, Associate Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1953.

KRIEGEL, W. W., 149 Dallam Road, Newark, Del. 1949.

KRIEGER, HARRY, JR., Administrator of Engineering Personnel Relations, Radio Corporation of America, Camden, N. J. 1955.

KRINSKY, HERMAN Y., Assistant Professor of Chemical Engineering, Pratt Institute, Brooklyn, N. Y. 1952.

KROEGER, HENRY R., Vice President of Astra Inc., 480 Harvard Avenue, Stratford, Conn. 1942.

KRONER, KLAUS E., Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1953.

KRONSBEIN, JOHN, Department of Mechanical Engineering, University of Florida, Gainesville, Fla. 1949.

KRUGER, FRED W., Associate Professor of Mechanical Engineering, Valparaiso University, Valparaiso, Ind. 1953.

KRULL, ALAN R., Associate, Frederick Chusid and Company, 332 South Michigan Avenue, Chicago 4, Ill. 1950.

KRUPNIK, STANLEY, JR., Instructor in Electrical Engineering, 4004 Pine St., Philadelphia, Pa. 1950.

KRUSZKA, EDWARD J., Dean of Technical Institute, Alliance College, Cambridge Springs, Pa. 1943.

KU, YU H., Professor of Electrical Engineering, Moore School, University of Pennsylvania, Philadelphia, Pa. 1953.

KUBE, WAYNE R., Assistant Professor of Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1953.

KUBIAK, HENRY J., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1948.

KUBO, GERALD G., Associate Professor of Civil Engineering, New York University, Bliss Bldg., University Heights, New York 53, N. Y. 1947.

KUEBLER, ALFRED A., Associate Professor of Industrial Engineering, Rutgers University, New Brunswick, N. J. 1947.

KUECH, ROBERT W., Instructor in Civil Engineering, Marquette University, Milwaukee, Wis. 1954.

KUENZEL, HERBERT, Professor and Head, Mechanical Engineering Dept., University of Alabama, Tuscaloosa, Ala. (*Member of Council, 1952–54.*) 1946.

KUETHE, ARNOLD M., Professor, Aero Engineering, University of Michigan, Ann Arbor, Mich. 1942.

KUHN, TRUMAN H., Dean of Faculty, Colorado School of Mines, Golden, Colo. 1953.

KUHNS, JAMES L., Educational Coordinator, Engineering Department, Boeing Airplane Company, Wichita, Kan. 1956.

KULHAN, EDWARD F., Assistant Professor of Engineering, Fresno State College, Fresno, Calif. 1952.

KULT, MILTON L., Associate Professor of Electrical Engineering, University of Akron, Akron, Ohio. 1954.

KUMMER, FRED A., Head of Agricultural Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1957.

KUMMER, KEITH F., Chairman of Mechanical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1957.

KUMPE, EDWARD F., Instructor in Engineering Science, Florida State University, Tallahassee, Fla. 1958.

KUNDIS, LAWRENCE E., Assistant Professor of Engineering, Long Beach State College, Long Beach, Calif. 1958.

KUNKLE, GEORGE M., Associate Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1925.

KUNSE, ROBERT M., Technician, Cataloging Division. 1949.

KURAJIAN, GEORGE M., Assistant Professor in Engineering Mechanics, University of Detroit, Detroit 21, Mich. 1948.

KURATA, FRED, Professor of Chemical Engineering, University of Kansas, Lawrence, Kans. 1951.

KURTZ, EDWIN B., Professor and Head, Department of Electrical Engineering, University of Iowa, Iowa City, Iowa. 1921.

KURTZ, JOHN W., Assistant Professor Emeritus of Engineering, University of Omaha, Omaha, Nebr. (Home Address: 5204 Jones Street, Omaha 6, Nebr.) 1934.

KUSHNER, JOSEPH B., Associate Professor, Evansville College, Evansville, Ind. 1958.

KUSKO, ALEXANDER, Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1951.

KUT, WALTER S., Professor of Mechanical Engineering, Cooper Union, New York 3, N. Y. 1938.

KYLE, WILLIAM T., Junior Engineer and Associate in Engineering, University of California, Los Angeles, Calif. 1954.

KYROPOULOS, PETER, Executive in charge of Technical Development, Styling Staff, General Motors Corporation, General Motors Technical Center, Warren, Mich. 1946.

LABANAUSKAS, PAUL J., Editor, Producer and Director, "Voice of America," U. S. Information Agency (Lithuanian Service) Washington, D. C. 1950.

LABENSKI, JOHN J., Associate Professor, Ordnance Research Laboratory, The Pennsylvania State University, University Park, Pa. 1955.

LABES, WILLIS G., Associate Professor of Fire Protection and Safety Engineering, Illinois Institute of Technology, Chicago, Ill. 1953.

LACAUZA, FRANK E., Professor and Academic Chairman, U. S. General Line and Naval Science School, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

LACEY, WILLIAM N., Professor of Chemical Engineering, California Institute of Technology, Pasadena, Calif. 1957.

LACINY, LLOYD C., Instructor in Mechanical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

LACKLER, JOHN L., Redstone Arsenal, TFSO OML, Huntsville, Ala. 1949.

LADD, DOROTHY C., Head of Technical Publications Group, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

LADD, ROGER E., Electrical Engineer, Res. and Dev., Anderson Nichols & Co., Consulting Engineers, Boston 14, Mass. 1952.

LADNER, RICHARD B., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1957.

LAFEBER, THEODORE J., President, DeVry Technical Institute, 4141 West Belmont, Chicago 41, Ill. 1955.

LAFFIN, CHARLES W., JR., Dean, New York Community College, 300 Pearl Street, Brooklyn, N. Y. 1957.

LAFORGE, ROBERT M., Professor of Industrial Engineering, University of Tennessee, Knoxville 17, Tenn. 1954.

LAGAARD, MAURICE B., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1942.

LAGEMANN, ROBERT T., Professor and Head of the Physics Dept., Vanderbilt University, Nashville, Tenn. 1954.

LAGO, GLADWYN V., Associate Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1949.

LAIN, DAVID W., Field Registrar, Lain Technical Institute, Indianapolis, Ind. 1956.

LAIN, PERCY E., Vice President, Lain Technical Institute, Indianapolis, Ind. 1956.

LAIN, THELMA J., President, Lain Technical Institute, Indianapolis, Ind. 1954.

LAITALA, EVERETT, Professor of Industrial Engineering, Mechanical Engineering Dept., Case Institute of Technology, Cleveland, Ohio. (*Member of Council, 1950–52.*) 1941.

LAITY, W. CLIFFORD, Professor of History and Head of Department of Humanities and Social Studies, Montana School of Mines, Butte, Mont. 1949.

LAKE, ROBERT E., Professor of Physics, Pratt Institute, Brooklyn, N. Y. 1944.

LALONDE, WILLIAM S., JR., Professor and Chairman of Civil Engineering, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1947.

LAMB, DONALD R., Associate Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1954.

LAMB, GEORGE G., Professor of Chemical Engineering and Director of Research Project, Northwestern University, Evanston, Ill. 1946.

LAMB, JOHN F., Associate Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1937.

LAMBE, EMERSON P., Professor of Physics (Retired), Pratt Institute, Brooklyn 5, N. Y. (Home: Thomaston, Me.) *Life Member.* 1926.

LAMBE, T. WILLIAM, Associate Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1955.

LAMBERT, ROBERT F., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis 14, Minn. 1950.

LAMBIE, JOS. S., Retired. (Home: 1303 Singer Place, Wilkinsburg, Pa.) *Life Member.* 1914.

LAMONT, NORMAN, Assistant Professor, Dept. of Petroleum Engineering, University of Texas, Austin, Texas., 1953.

LAMOURIA, LLOYD H., Associate Professor of Agricultural Engineering, University of California, Davis, Calif. 1954.

LAMP, BENSON J., JR., Assistant Professor of Agricultural Engineering, Ohio State University, Columbus, Ohio. 1951.

LAMPE, JOHN H., Dean of Engineering, North Carolina State College, Raleigh, N. C. (*Member of Council, 1946–47; Vice President, 1951–53.*) 1938.

LAMPMAN, DUNCAN L., Instructor, Vocational Technical Institute, Southern Illinois University, Carbondale, Ill. 1958.

LANCASTER, FORREST W., Professor of Physics, North Carolina State College, 2403 Everette Avenue, Raleigh, N. C. 1937.

LANCASTER, OTIS E., Westinghouse Professor of Engineering Education, Pennsylvania State University, University Park, Pa. 1957.

LANDALL, LEONARD B., Manager, Professional Personnel, Raytheon Manufacturing Company, Waltham, Mass. 1954.

LANDER, LAWRENCE C., JR., Chairman, Dept. of Industrial Engineering, General Motors Institute, Flint, Mich. 1945.

LANDGREBE, DAVID A., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1958.

LANDIS, FRED, Associate Professor of Mechanical Engineering, New York University, New York, N. Y. 1955.

LANDRUM, ROBERT D., Assistant Professor of Physics, University of Dayton, Dayton, Ohio. 1958.

LANDON, RANSOM D., Dean, College of Engineering, University of Akron, Akron 4, Ohio. (*Member of Council, 1949–51.*) 1937.

LANE, WILLIAM E., Head Professor of Industrial Management, Alabama Polytechnic Institute, Auburn, Ala. 1958.

LANG, ALBERT S., Assistant Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

LANG, EDMUND H., Colonel, Corps of Engineers, District Engineer, Waterways Experiment Station, Box 631, Vicksburg, Miss. 1956.

LANG, ROBERT S., Assistant Professor of Graphics, Northeastern University, Boston, Mass. 1955.

LANGDON, HERBERT F., Chairman of the Division of Applied Arts and Sciences, Chico State College, Chico, Calif. 1954.

LANGE, KARL O., Professor and Director, Wenner Gren Aero Research Laboratory, University of Kentucky, Lexington, Ky. 1957.

LANGENHEIM, RALPH L., Dean, College of Engineering, University of Tulsa, Tulsa, Okla. (*Member of Council, 1958–.*) 1938.

LANGFORD, JOSEPH W., JR., Professor of Electrical Engineering, University of Massachusetts, Amherst, Mass. 1947.

LANGSAM, WALTER C., President, University of Cincinnati, Cincinnati, Ohio. 1955.

LANGSDORF, ALEXANDER S., Dean Emeritus, Schools of Engineering and Architecture, Washington University, St. Louis, Mo. (*Member of Council, 1913–16.*) *Life Member.* 1903.

LANGSTON, ROBERT E., Dean, Lain Technical Institute, Indianapolis, Ind. 1956.

LANHAM, FRANK B., Head, Agricultural Engineering, University of Illinois, Urbana, Ill. 1953.

LANSPORD, WALLACE M., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1946–48, 1950–52.*) 1935.

LANSING, NEAL F., Section Head of Research Reactors, American-Standard Atomic Energy Division, Redwood City, Calif. 1950.

LAPIERRE, WALTER A., Professor of Electrical Engineering, Webb Institute of Naval Architecture, Glen Cove, N. Y. 1943.

LAPRADE, GEORGE L., Engineering Specialist, Research and Development, Goodyear Aircraft Corporation, Litchfield Park, Ariz. 1951.

LAPSLEY, JAMES T., JR., Associate Professor of Industrial Engineering, University of California, Berkeley, Calif. 1954.

LAREW, H. GORDON, Associate Professor of Civil Engineering, University of Virginia, Charlottesville, Va. 1952.

LARGE, GEORGE E., Professor of Structural Engineering, Department of Civil Engineering, The Ohio State University, Columbus 10, Ohio. 1940.

LARIAN, MAURICE G., Professor of Chemical Engineering, Michigan State University, East Lansing, Mich. 1937.

LARK-HOROVITZ, K., Professor and Head, Dept. of Physics, Purdue University, Lafayette, Ind. 1942.

LARKIN, JOHN D., Dean, Division of Liberal Studies, Illinois Institute of Technology, Chicago, Ill. 1939.

LARKIN, WILLIAM H., N.E. Mgr. Sales, Air Preheater Corporation, New York, N. Y. 1955.

LARSEN, LAURIE W., Training Coordinator, Personnel, AiResearch Manufacturing Company, Los Angeles, Calif. 1956.

LARSEN, MERWIN J., Professor and Head, Electrical Engineering, University of Florida, Gainesville, Fla. 1953.

LARSEN, THORSTEIN, Assistant Professor of Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1947.

LARSON, BERNT O., Professor of General Engineering, University of Illinois, Urbana, Ill. 1947.

LARSON, CARL S., Graduate Assistant in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

LARSON, EDWARD, Partner, Larson, White & Hunt, Consulting Engineers, Cincinnati, Ohio. 1944.

LARSON, FLOYD C., Associate Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1949.

LARSON, GEORGE H., Professor and Head of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1948.

LARSON, GUNNAR J., Assistant Professor of English and General Studies, College of Agriculture and Mechanic Arts, University of Puerto Rico, Mayaguez, P. R. 1958.

LARSON, JORDAN L., JR., Senior Design Engineer, Pratt & Whitney Aircraft, East Hartford, Conn. 1956.

LARSON, MAURICE A., Assistant Professor of Chemical Engineering, Iowa State College, Ames, Iowa. 1958.

LARSON, MILTON B., Assistant Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1956.

LARSON, REINHOLD F., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1939.

LARSON, SIDNEY C., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

LARSSON, ROBERT D., Associate Professor of Mathematics, Clarkson College of Technology, Potsdam, N. Y. 1950.

LARUE, FERDINAND L., JR., P.O. Box 8382, University Station, Baton Rouge, La. 1955.

LA RUE, ROBERT D., Associate Professor of Mechanical Engineering, Colorado State University, Fort Collins, Colo. 1951.

LASATER, CHARLES C., Assistant Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1955.

LASCOE, ORVILLE D., Professor of Industrial Engineering, Purdue University, West Lafayette, Ind. 1944.

LASSALLE, LEO J., Dean Emeritus of Engineering, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La. (*Member of Council, 1947–49, Vice President, 1954–56.*) 1935.

LATHAM, ROBERT F., Associate Professor of Marine Engineering, United States Naval Academy, Annapolis, Md. 1955.

LATORRE, VICTOR R., Instructor in Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

LATVALA, EINO K., Supervisor of Staff Engineering, Engineering Test Facility, ARO, Inc., P. O. Box 162, Tullahoma, Tenn. 1957.

LAUCHLAND, L. STUART, Professor and Head, Dept. of Engineering Science, University of Western Ontario, London, Ontario, Canada. 1945.

LAUER, BYRON E., Professor and Head, Dept. of Chemical Engineering University of Colorado, Boulder, Colo. 1937.

LAUER, KENNETH R., Assistant Professor of Civil Engineering, Montana State College, Bozeman, Mont. 1954.

LAUGHLIN, HERMAN G., Associate Professor of Mechanical Engineering, Purdue University, West Lafayette, Ind. 1956.

LAUGHTER, CLYDE N., Mathematical Engineer, Missouri Highway Commission, Jefferson City, Mo. 1950.

LAUSCHE, LUVERNE F., Business Manager and part-time Associate Professor of Mechanical Engineering, Ohio University, Athens, O. 1956.

LAUSHEY, LOUIS M., Professor and Head of Civil Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1946

LAVELLE, FRANCIS H., Associate Professor of Civil Engineering, University of Rhode Island, Providence, R. I. 1958.

LAVERDA, MICHAEL J., Instructor in Management Engineering, Newark College of Engineering, Newark, N. J. 1956.

LAVINE, IRVIN, Professor of Chemical Engineering, University of New Hampshire, Durham, N. H. 1935.

LAW, KENNETH J., Assistant Professor of Electrical Engineering, Wayne State University, Detroit, Mich. 1958.

LAWALL, CHARLES B., Consultant, 1012 West Virginia Building, Huntington 1, West Virginia. (*Member of Council, 1942–46.*) 1931.

LAWLER, JOHN P., University Fellow in Civil Engineering, University of Wisconsin, Madison, Wis. 1956.

LAWLOR, JAMES J., Assistant Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1952.

LAWRENCE, ALBERT A., Professor of General Studies, U. S. Coast Guard Academy, New London, Conn. 1954.

LAWRENCE, E. GEORGE, President, Lawrence Institute of Technology, Detroit 19, Mich. 1943.

LAWRENCE, GEORGE M., Assistant Dean of Engineering, Columbus, Ohio. 1949.

LAWRENCE, HOMER A., JR., Instructor in Engineering Graphics, Arlington State College, Arlington, Tex. 1958.

LAWRENCE, JAMES H., JR., Instructor in Mechanical Engineering, Texas Technological College, Lubbock, Tex. 1957.

LAWSHE, C. H., Dean of Technical Extension and Adult Education and Director of the Summer Sessions, Purdue University, Lafayette, Ind. 1958.

LAWSON, EDWARD C., Professor and Head, Mechanical Engineering Dept., University of North Dakota, Grand Forks, N. D. 1947.

LAWSON, GEORGE W., Educational Department, Keuffel & Esser Co., Arlington, Mass. 1958.

LAWTHER, WENDELL C., SR., Chairman of Science and Engineering, Keystone Junior College, La Plume, Pa. 1958.

LAY, JOACHIM E., Mechanical Engineering, Michigan State University, East Lansing, Mich. 1948.

LAY, WALTER E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

LAYLE, HERBERT F., Associate Professor of Industry, University of Detroit, Detroit, Mich. 1958.

LAZAN, BENJAMIN J., Head and Professor of Mechanics and Materials Engineering, Associate Dean, Institute of Technology, University of Minnesota, Minneapolis, Minn. 1948.

LAZAR, NICHOLAS M., Professor of Metallurgical Engineering, Wayne State University, Detroit, Mich. 1953.

LAZARUS, IRWIN P., Director of Ordnance Management Engineering Training Program, Rock Island Aresenal, Rock Island, Ill. 1952.

LAZIER, MORLEY J. C., Professor of Mechanical Engineering, Waterloo College and Associate Faculties, Waterloo, Ontario, Canada. 1958.

LEACH, JAMES L., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

LEACH, WILLIAM J., Administrative Assistant, College of Engineering, University of Houston, Houston, Tex. 1952.

LEAMER, FRANK D., Personnel Director, Bell Telephone Laboratory, Inc., Murray Hill, N. J. 1947.

LEAVITT, ERNEST E., Professor of Mechanical Engineering, Tufts University, Medford, Mass. 1945.

LEBLANC, LLOYD P., Instructor in Aeronautical Engineering, Pennsylvania State University, Lemont, Pa. 1957.

LEBOLD, WILLIAM K., Associate Professor of Engineering and Education Research, Purdue University, West Lafayette, Ind. 1956.

LEBOW, MILTON, Associate Professor of Mechanics, Wayne State University, Detroit, 2, Mich. 1951.

LECLAIR, KENNETH A., Assistant Professor in Civil Engineering, Dartmouth College, Hanover, N. H. 1954.

LECLAIR, TITUS G., Manager of Research and Development, Commonwealth Edison Company, 72 West Adams St., Chicago 90, Ill. 1949.

LECLERC, ANDRE, Head, Division of Sanitary Engineering and Associate Professor in Hydraulic Engineering, Ecole Polytechnique de Montreal, 1430 Saint-Derier Street, Montreal, Canada. 1951.

LEE ADOLPH O., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1945.

LEE, CHARLES F., Technical Personnel, Industry Control Department, General Electric Company, Roanoke, Va. 1947.

LEE, CHARLES N., Instructor in Civil Engineering, Syracuse University, Syracuse, N. Y. 1958.

LEE, CLAUDIUS, Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

LEE, DONALD J., Instructor in Engineering Drawing, Iowa State College, Ames, Iowa. 1956.

LEE, EVERETT S., (Retired), General Electric Company. (Home address: 1350 Wendell Avenue, Schenectady 8, N. Y.) 1943.

LEE, GEORGE H., Director of Research, Rensselaer Polytechnic Institute, Troy, N. Y. 1941.

LEE, J. HILDRED A., Assistant Professor of Engineering Science, Ontario Agricultural College, Guelph, Ontario, Canada. 1957.

LEE, JOHN F., Broughton Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1948.

LEE, LAWRENCE, Associate Professor of Engineering Research, Pennsylvania State University, University Park, Pa. 1956.

LEE, MARY H., Redstone Arsenal, Huntsville, Alabama. c/o Ed. Rudd. 1956.

LEE, SENG-LIP, Associate Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1957.

LEE, SHIH-YING, Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

LEEKOFF, DAVID, Instructor in Industrial Technology, State Technical Institute, Hartford, Conn. 1958.

LEET, HORACE W., Professor and Chairman of Mechanical Engineering, University of Rochester, Rochester, N. Y. 1944.

LEFEUVRE, ALBERT R., Lecturer in Mechanical Engineering, Waterloo College, Waterloo, Ontario, Canada. 1957.

LEFFEL, R. ERNEST, Assistant Professor of Civil Engineering, 804 Edificio, Zaccour, Cali, Colombia, S. A. 1952.

LEFFELL, WILL O., Associate Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1945.

LEFLER, GLENN Q., Head and Professor of Physics, Eastern Illinois State University, Charleston, Ill. 1955.

LEGAULT, ADRIAN R., Professor and Chairman of Civil Engineering, University of Nebraska, Lincoln 10, Nebr. 1940.

LEGGETT, J. L., JR., Partner, Legett & Irvan Construction Company, 1630 North Broadway, Lexington, Ky. 1954.

LEHMAN, FREDERICK G., Associate Professor of Civil Engineering, Newark College of Engineering, Newark, N. J. 1954.

LEHMAN, L. GRAHAM, Electrical Design Engineer, Electric Power Section, D.T.M.B., U. S. Navy Dept., Washington 7, D. C. 1939.

LEHMANN, CHARLES H., Associate Professor of Mathematics, Cooper Union, Cooper Square, New York 3, N. Y. 1941.

LEHMANN, GILBERT M., Assistant Professor of Civil Engineering, Valparaiso University, Valparaiso, Ind. 1957.

LEHMAN, WILLIAM L., Head, Physics Department, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1958.

LEHOCZKY, PAUL N., Professor and Chairman, Dept. of Industrial Engineering, Ohio State University, Columbus 10, Ohio. (*Member of Council, 1946–48.*) 1930.

LEHRER, ROBERT N., Professor and Chairman of Industrial Engineering, Technological Institute, Northwestern University, Evanston, Ill. 1950.

LEIDEL, FREDERICK O., Assistant Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1950.

LEIDY, BLAINE I., Assistant Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1952.

LEIFSON, SIGMUND W., Professor & Head of Physics, University of Nevada, Reno, Nev. 1949.

LEIGH, ALFRED H., Professor of Civil Engineering, Michigan State University, East Lansing, Mich. 1950.

LEIGHTON, ARTHUR W., Professor of Engineering Graphics, Freshman Counselor, Tufts University, Medford, Mass. 1922.

LEIGHTON, JOHN R., Instructor in Strength of Materials, Wentworth Institute, Boston, Mass. 1956.

LEISSA, ARTHUR W., Assistant Professor of Engineering Mechanics, Ohio State University, Columbus, Ohio. 1957.

LEISTER, VOLNEY B., Personnel Director, Commonwealth Edison Company, 72 W. Adams St., Rm. 1520, Chicago 90. Ill. 1949.

LEITCH, JOHN B., Instructor, New York Graduate Engineering Training Center, Western Electric Company, 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

Leland, O. M., Dean Emeritus of Engineering, University of Minnesota, 911 5th St., S.E., Minneapolis 14, Minn. (*President, 1926–27; Member of Council, 1921–24, 1926–46.*) *Life member.* 1908.

Le Marie, G. W., Associate Professor of Petroleum Mining, Colorado School of Mines, Golden, Colo. 1947.

Lemlich, Robert, Assistant Professor of Chemical Engineering, University of Cincinnati, Cincinnati, Ohio. 1952.

Lendall, Harry N., Professor Emeritus of Municipal and Sanitary Engineering, Chairman, Dept. of Civil Engineering, Rutgers University, New Brunswick, N. J. *Life member.* 1912.

Lenel, Fritz V., Professor of Metallurgical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1951.

Leng, Richard B., Vice President, Technical Products Division, Packard-Bell Company, 12333 W. Olympic Blvd., Los Angeles 64, Calif. 1937.

Lenhart, Jack, Associate Professor of Drawing, University of Texas, Austin, Texas. 1944.

Lenney, Joseph H., Assistant Professor of Civil Engineering, Northeastern University, Boston, Mass. 1956.

Lennox, William R., Instructor in Engineering, Los Angeles City College, Los Angeles, Calif. 1958.

Lent, Deane, Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

Lentz, Oscar H., Assistant Professor of Economics, Colorado School of Mines, Golden, Colo. 1958.

Lenz, Arno T., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1938.

Lenzen, Kenneth H., Associate Professor of Applied Mechanics, University of Kansas, Lawrence, Kan. 1956.

Leo, Brother Amandus, F.S.C., Dean of Engineering, Manhattan College, New York, N. Y. 1928.

Leonard, Carroll M., Professor of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1930.

Leonard, George D., Instructor in Mathematics, Technical Institute, Fenn College, Cleveland, Ohio. 1954.

Leonard, Paul B., Assistant Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1947.

Leonard, Roy, Jr., Assistant Professor of Civil Engineering, University of Delaware, Newark, Del. 1958.

Leonards, Gerald A., Professor of Soil Mechanics, School of Civil Engineering, Purdue University, Lafayette, Ind. 1952.

LePage, Wilbur R., Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1951.

Lepper, Henry A., Jr., Professor of Civil Engineering, Civil Engineering Department, University of Maryland, College Park, Md. 1949.

Leppert, George, Associate Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1956.

Lerner, Samuel, Assistant Professor of Civil Engineering, Brown University, Providence, R. I. 1941.

Leroy, Leslie W., Professor & Head, Dept. of Geology, Colorado School of Mines, Golden, Colo. 1955.

Lersch, William H., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

Lescarbeau, Roland F., Director of Training, Ward School of Electronics, University of Hartford, Hartford, Conn. 1957.

Leslie, Philip, Supervisor, Technical Library, Goodyear Atomic Corporation, Portsmouth, Ohio. 1951.

Lessard, Roger, Associate Professor of Mathematics, Ecole Polytechnique, Montreal, Canada. 1953.

Lesser, Arthur, Jr., Professor and Head of Industrial Engineering, Stevens Institute of Technology, Hoboken, N. J. (*Member of Council, 1956–.*) 1943.

Lester, Bernard, Consulting Management Engineer, 140 Cedar Street, New York, N. Y. 1936.

Lester, John C., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1956.

Lestz, Samuel S., Instructor in Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1957.

Le Tellier, Louis S., Dean Emeritus of Engineering, The Citadel; Consulting Civil Engineer, 20 Moore Drive, Westwood, Charleston 42, S. C. (*Member of Council 1947–48.*) *Life Member.* 1912.

Leutwiler, Richard W., Professor of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1941.

Leutzinger, Rudolph L., Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1956.

Levens, Alexander S., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1932.

Levenson, Morris E., Instructor in Mathematics, Brooklyn College, Bedford Ave. and Ave. H, Brooklyn, N. Y. 1949.

Levidow, William, Instructor in Electrical Engineering, Newark College of Engineering, Newark, N. J. 1956.

Levine, Gilbert, Associate Professor of Agricultural Engineering, Cornell University, Ithaca, N. Y. 1954.

Levine, Jack, Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1940.

Levine, Martin, Assistant Professor of Engineering, Pennsylvania State University, McKeesport, Pa. 1954.

Levis, Curt A., Assistant Professor of Electrical Engineering, Ohio State University, Columbus 2, Ohio. 1958.

Levister, Ernest C., Jr., Instructor in Engineering, Tuskegee Institute, Alabama, 1958.

Levy, Martin J., 542 Deal Parkway, W. Allenhurst, New Jersey. 1955.

Lew, Henry G., 183 Magnolia Drive, Levittown, Pa. 1954.

Lewellen, James G., Instructor in Aeronautical Engineering, Parks College of Aero. Technology, East St. Louis, Ill. 1952.

Lewis, Albert Dale M., Associate Professor of Structural Engineering, Purdue University, West Lafayette, Ind. 1958.

Lewis, Alexander D., Professor of Mechanical Engineering, Clemson Agricultural College, Clemson, S. C. 1943.

Lewis, Bevan B., Professor of Railroad Engineering, Purdue University, Lafayette, Ind. 1956.

Lewis, Charles H., Chairman, Division of Mathematics and Natural Science, Orange Coast College, Costa Mesa, Calif. 1953.

Lewis, David W., Instructor in Mechanical Engineering, The Technological Institute, Northwestern University, Evanston, Ill. 1955.

Lewis, Edward H., Associate Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1953.

Lewis, Floyd F., Jr., Vice President and General Manager, Arizona Telemetering Corporation, 2939 E. McDowell Road, Phoenix, Ariz. 1957.

Lewis, Frank H., Director, Counseling Center, Newark College of Engineering, Newark, N. J. 1957.

Lewis, Frank W., Instructor in Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1957.

Lewis, Frank T., Manager, Manufacturing Personnel Development Services Dept., General Electric Co., 1 River Road, Schenectady, N. Y. 1953.

Lewis, Fred J., Dean of Engineering and Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. (*Member of Council, 1949–51.*) 1926.

Lewis, John R., Head, Metallurgical Dept., University of Utah, Salt Lake City, Utah. 1949.

Lewis, LaVerne F., Professor of Physics, U.S.A.F. Institute of Technology, New Carlisle, Ohio. 1952.

Lewis, Philip M., II, Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

Lewis, Ralph E., Assistant Professor of Mechanical Engineering, Duke University, Durham, N. C. 1931.

Lewis, Robert M., General Supervisor of Personnel, United States Steel Corporation, Fairless Works, Fairless Hills, Pa. 1955.

Lewis, Robert S., Professor of Mining, Emeritus, University of Utah, Salt Lake City, Utah. (Home: P. O. Box 1514, Oakland, Calif.) *Life Member.* 1922.

Lewis, Rodney C., Associate Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1958.

Lewis, Russell M., Instructor in Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1958.

Lewis, Warren K., Professor Emeritus of Chemical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. *Twentieth Recipient, Lamme Medal (1947).* 1932.

Lewis, William A., Research Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1939.

Ley, B. James, Associate Professor of Electrical Engineering, New York University, New York 53, N. Y. 1950.

Leynes Corcuera, Aurelio, Professor of Physics, MLQ School of Engineering and Architecture, National University, Manila, Philippines. 1954.

Li, Shu-t'ien, Professor of Civil Engineering and Dean of Engineering, National Pei-Yang University (on leave), 709 Creighton Towers, 758 St. Michael Street, Mobile, Ala. 1954.

Libby, Douglas F., Jr., Senior Instructor in Physics, Wentworth Institute, Boston, Mass. 1956.

Libby, Waldo M., Associate Professor of Electrical Engineering, University of Maine, Orono, Maine. 1947.

Libby, Wilbur E., Coordinator of Engineering, Michigan State University, East Lansing, Mich. 1950.

Licht, William, Professor and Head of Chemical Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1943.

Lichtenstein, Bernard, Group Leader, Gyrodynamics Laboratory, Kearfott Company, 1378 Main Ave., Clifton, N. J. 1958.

Lichty, Lester C., Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1930.

Lichty, William H., Senior Instructional Specialist, General Motors Institute, Flint, Mich. 1954.

Liddicoat, Richard T., Associate Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1940.

Lieber, Paul N., Professor of Geophysics, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Lieberman, Gerald J., Associate Professor of Statistics and Industrial Engineering, Stanford University, Stanford, Calif. 1955.

Liebersohn, Aron, Research and Consulting Electrical Engineer, 241 Powell Street, Brooklyn 12, N. Y. 1950.

Liebeskind, Herbert, Assistant Professor of Chemical Engineering, The Cooper Union, New York, N. Y. 1956.

Liebig, John O., Jr., Associate Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1950.

Lienhard, John H., Associate in Mechanical Engineering, University of California, Berkeley, Calif. 1955.

Liggett, Thomas, Assistant Professor of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

Light, Kenneth F., Instructor in Mechanical Engineering, Michigan College of Mines and Technology, Houghton, Mich. 1957.

Lightholder, Richard K., Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Liljedahl, John B., Associate Professor of Agricultural Engineering, Purdue University, Lafayette, Ind. 1955.

Lillibridge, A. L., Assistant Professor of Mechanical Engineering, Idaho State College at Pocatello, Idaho. 1947.

Lillie, John, Instructor in Engineering, Sacramento Junior College, Sacramento, Calif. 1951.

Lima, Paulo R., Professor of Engineering Drawing, University of Brazil, Rio de Janeiro D.F., Brazil. 1954.

Liming, Roy A., Supervisor Engineering, North American Aviation, Incorporated, Los Angeles, Calif. 1947.

Lin, Tung-Hua, Professor of Aeronautical Engineering, University of California, Los Angeles, Calif. 1950.

Lin, Tung Y., Professor of Civil Engineering, University of California, Berkeley, Calif. 1946.

Lincoln, Robert T., Head of Electrical Technology, State University Agricultural and Technological Institute, Farmingdale, N. Y. 1953.

Lind, Merrill S., Assistant Professor of Electrical Engineering, Michigan College of Mining & Technology, Houghton, Mich. 1950.

Lind, Toivo A., Product Development Engineer, Tractor and Implement Division, Ford Motor Company, Dearborn 8, Mich. 1956.

Lindahl, Eric J., Professor and Head of Mechanical Engineering, University of Wyoming, Laramie, Wyo. (*Member of Council, 1952–54; 1958–.*) 1941.

Lindau, Jules W., Professor of Mechanical Engineering, University of South Carolina, Columbia, S. C. 1945.

Lindblom, Roy E., Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1948.

Lindell, W. Francis, Associate Professor of Mechanical Engineering, University of Delaware, Newark, Del. 1941.

Lindenmeyer, Ray S., Dr. Associate Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1943.

Linder, Clarence H., Vice President, General Electric Co., 570 Lexington Ave., New York, N. Y. 1950.

Linderoth, L. Sigfred, Jr., Associate Director Research Engineering, Central Research and Engineering Division, Continental Can Company, 7622 So. Racine Ave., Chicago 20, Ill. 1950.

Lindholm, John C., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1956.

Lindley, John F., Assistant Professor of Civil Engineering, Ohio University, Athens, Ohio. 1953.

Lindley, Kenneth E., Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1953.

Lindley, Roy W., Professor of Freshman Engineering, Purdue University, Lafayette, Ind. 1922.

Lindner, Herbert E., Assistant Professor of Mechanical Engineering, Norwich University, Northfield, Vt. 1957.

Lindon, Paul H., Associate Professor of Electrical Engineering, Colorado State University, Fort Collins, Colo. 1949.

Lindquist, Elmo G., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kan. 1957.

LINDQUIST, ROBERT M. L., Mechanical Engineer, General Mills, E. R. D. D., Inc., Minneapolis 13, Minn. 1948.

LINDSAY, JAMES D., Professor and Head, Dept. of Chemical Engineering, A. & M. College of Texas, College Station, Texas. 1936.

LINDSAY, RICHARD W., Vice President, Mountain States Tel. & Tel. Co., Denver, Colo. 1947.

LINDSEY, EDGAR E., Head of Chemical Engineering, University of Massachusetts, Amherst, Mass. 1947.

LINDSEY, F. GORDON, Associate Dean of Mathematics, Clarkson College, Potsdam, N. Y. 1949.

LINDSEY, JOSEPH F., Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1957.

LINDSEY, RALPH, Assistant Professor of Civil Engineering, Ohio Northern University, Ada, Ohio. 1956.

LINDSTROM, CARL A., Sanitary Engineer, United States Public Health Service, 6820 Miami Road, Cincinnati 27, Ohio. 1949.

LINDVALL, FREDERICK C., Chairman of Engineering, California Institute of Technology, Pasadena, Calif. (*President, 1957–58; Vice President, 1955–57.*) 1941.

LINEBACK, HUGH, Assistant Professor of Technical Training, Oklahoma State University, Stillwater, Oklahoma. 1947.

LINEBARGER, ROBERT N., Instructor in Civil Engineering, Brigham Young University, Box 232 University Station, Provo, Utah. 1956.

LINFORD, PRESTON D., Associate Professor of Civil Engineering, University of Utah, Salt Lake City, Utah. 1954.

LING, DANIEL S., Professor of Civil Engineering, Wayne State University, Detroit, Mich. 1953.

LINGELBACH, DANIEL D., Assistant Professor of Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1950.

LINGO, LOWELL E., Supervisor, Network Analyser Laboratory, Syracuse University, Syracuse, N. Y. 1952.

LINK, ROBERT P., Associate Dean of College of Fine and Applied Arts, Associate Professor of Architecture, University of Illinois, Urbana, Ill. 1958.

LINN, MAX K., Supervisor of Case Costs, Library and Files Services Division, Sandia Corporation, Albuquerque, New Mexico. 1955.

LINNELL, RICHARD D., Staff Scientist, Convair Scientific Research Laboratory, San Diego, Calif. 1955.

LINSENMEYER, ROY F., Assistant Professor of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1948.

LINSKY, CHESTER, Associate Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1949.

LINSLEY, RAY K., Professor and Head of Civil Engineering, Stanford University, Stanford, Calif. 1951.

LINVILLE, FRANK A., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

LINTON, FRANKLIN H., Director of Admissions and Placement, Wentworth Institute, Boston, Mass. 1952.

LINVILLE, THOMAS M., Manager of Research Operation Department, Research Laboratory, General Electric Company, Schenectady, N. Y. 1947.

LIPKIN, LOUIS, Research Engineer, Ford Motor Co., Dearborn, Mich. 1950.

LIPPER, RALPH I., Assistant Professor of Agricultural Engineering, Kansas State College, Manhattan, Kans. 1948.

LIPPERT, FREDERICK G., Director of Personnel, American Gas and Electric Service Corp., 30 Church St., New York 8, N. Y. 1952.

LISK, HAROLD H., Director, Publications Department, Norden Laboratories Corp., White Plains, N. Y. 1952.

LISSNER, HERBERT R., Professor and Head of Engineering Mechanics, Wayne State University, Detroit, Mich. 1943.

LISTON, HARDY, JR., Assistant Professor of Mechanical Engineering, Agricultural and Technical College of North Carolina, Greensboro, N. C. 1957.

LIST, HARVEY L., Assistant Professor of Chemical Engineering, The City College of the College of the City of New York, 139th St. and Convent Ave., New York 31, N. Y. 1958.

LISTON, JOSEPH, Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1944.

LITKENHOUS, E. E., Professor and Head of Chemical Engineering, Vanderbilt University, Nashville 5, Tenn. 1936.

LITTLE, ALTON S., Associate Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1954.

LITTLE, CHARLES H., JR., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1953.

LITTLE, FRED H., Development Engineer, Hughes Tool Company, Houston, Tex. 1956.

LITTLE, NEIL, Associate Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1945.

LITTLE, ROBERT W., Assistant Instructor in Mechanics, Marquette University, Milwaukee, Wis. 1957.

LITTLE, STANLEY M., Employment Administrator, Office of Director of Personnel, Boeing Airplane Company, P. O. Box 3707, Seattle 24, Wash. 1955.

LITTLEJOHN, CHARLES E., Professor and Head of Chemical Engineering, Clemson College, Clemson, S. C. 1953.

LITTLETON, EARLE F., Chairman of Civil Engineering, Tufts University, Medford 55, Mass. (*Member of Council, 1957–59.*) 1938.

LIU, CHANG K., Associate Professor of Mechanical Engineering, University of Alabama, University, Ala. 1958.

LIU, HSIN-KUAN, Assistant Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1957.

LIU, MAOLING, Associate Professor, Electrical Engineering, Washington State College, Pullman, Wash. 1950.

LIU, YOUNG KING, Assistant Professor of Mechanical Engineering, Milwaukee School of Engineering, Milwaukee 2, Wis. 1958.

LIUM, ELDER L., Dean, College of Engineering, University of North Dakota, Grand Forks, N. D. 1940.

LIVAS, HENRY L., Associate Professor of Architecture, Hampton Institute, Hampton, Va. 1945.

LIVERMORE, DONALD F., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

LIVERMORE, JOSEPH D., Associate Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1948.

LIVERMORE, OGDEN, Instructor in Physics, University of Illinois, Chicago, Ill. 1953.

LIVINGSTON, ARNOLD R., Assistant Professor of T. & A. Mechanics, Iowa State College, Ames, Iowa. 1944.

LIWSCHITZ-GARIK, MICHAEL, Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1942.

LLEWELLYN, ROBERT W., Associate Professor of Industrial Engineering, North Carolina State College, Raleigh, N. Car. 1958.

LLOYD, RICHARD H., Assistant Professor of Metallurgical Engineering, University of Washington, Seattle 5, Wash. 1958.

LLOYD-JONES, RICHARD, Instructor in Technical Writing, State University of Iowa, Iowa City, Ia. 1956.

LNENICKA, WILLIAM J., Assistant Professor of Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1949.

LOBERG, HARRY J., Director, Sibley School of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1945.

LOBINGER, GEORGE D., Manager, Educational Department, Westinghouse Electric Corporation, 401 Liberty Avenue, Pittsburgh, Pa. (*Member of Council, 1953–55.*) 1945.

LOBO, WALTER E., Consulting Engineering, 124 East 40th Street, New York 16, N. Y. 1949.

LOCKE, WILLIAM N., Director of Libraries, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

LOCKE, WILLIAM W., Professor of Electrical Engineering, Superintendent of Electrical Maintenance, Worcester Polytechnic Institute, Worcester, Mass. 1934.

LOCKHART, FRANK J., Professor and Head of Chemical Engineering, University of Southern California, Los Angeles, Calif. 1956.

LOCRAFT, THOMAS H., Head of Department of Architecture, Catholic University of America, Washington, D. C. 1954.

LOCKWOOD, HAROLD J., Professor of Engineering, Trinity College, Hartford, Conn. 1949.

LOCKWOOD, RAYMOND M., Research Engineer, Propulsion Department, Advanced Research Division Hiller Helicopters, Palo Alto, Calif. 1948.

LODGE, CHESTER R., Associate Professor of Engineering, San Diego State College, San Diego, Calif. 1958.

LOEB, SIDNEY, Associate in Engineering, University of California, Los Angeles, Calif. 1958.

LÖF, JOHN L. C., Associate Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1951.

LOFGREN, KENNETH E., Professor-in-charge of Machine Design Section, Cooper Union, New York, N. Y. 1936.

LOFLIN, ZEKE L., Professor and Head, Dept. of Mathematics, Southwestern Louisiana Institute, Lafayette, La. 1944.

LOFY, FRANCIS J., Assistant Professor of Electrical Engineering, Milwaukee School of Engineering, 1025 North Milwaukee Street, Milwuakee 2, Wis. 1956.

LOGAN, JOHN A., Professor of Civil Engineering, Northwestern University, 824 Ingleside, Evanston, Ill. 1957.

LOHMANN, M. R., Dean of Engineering, Oklahoma State University, Stillwater, Okla. (*Member of Council, 1954–56.*) 1946.

LOHR, WILLIAM S., Professor and Head Emeritus of Civil Engineering, Lafayette College, Easton, Pa. (Home: East New Market, Md.) *Life member.* 1927.

LOMASK, SAMUEL, Instructor in Engineering, University of Illinois, Urbana, Ill. 1956.

LOMAZ, DANIEL DE L., 4139 E. 173 St., Cleveland 28, Ohio. 1949.

LOMMEL, GEORGE E., Professor of Topographical Engineering, Purdue University, Lafayette, Ind. 1926.

LONDON, ALEXANDER L., Professor of Mechanical Engineering, Stanford University, Stanford, Calif. 1940.

LONERGAN, JOHN J., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1948.

LONG, CARL F., Assistant Professor of Civil Engineering, Thayer School of Engineering, Hanover, N. H. 1956.

LONG, CLARENCE H., Professor of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

LONG, DEAN, Vice-President and Director of Adult Education, Evansville College, Evansville, Ind. 1950.

LONG, EDWARD L., Associate Professor of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

LONG, EDWARD L., JR., Associate Professor and Head of Philosophy and Religion, Virginia Polytechnic Institute, Blacksburg, Va. 1945.

LONG, FRANCIS M., Instructor in Electrical Engineering, University of Wyoming, Laramie, Wyo. 1957.

LONG, J. DEWEY, 215 South 8th Street, Fredonia, Kans. 1932.

LONG, JIM T., Assistant Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1954.

LONG, RALPH H., JR., Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1952.

LONG, VELDON O., Professor and Head, Dept. of Electrical Engineering, University of Wyoming, Laramie, Wyo. 1946.

LONG, V. ALLAN, Professor and Head of Physics Department, Colorado School of Mines, Golden, Colorado. 1954.

LONG, WALTER W. (Lt. Col.), Associate Professor of Electrical Engineering, United States Air Force Academy, Denver, Colo. 1958.

LONGACRE, ANDREW, Professor of Applied Science, Defense Systems Laboratory, Syracuse University, Syracuse, N. Y. 1956.

LONGACRE, WILLIAM A., Professor and Head of Physics, Michigan College of M. & T., Houghton, Mich. 1943.

LONGO, CHARLES V., Associate Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1947.

LONGSTAFF, JOHN B., Associate Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1948.

LONGWELL, WILLIAM F. M., Professor of Civil Engineering, Merrimack College, North Andover, Mass. 1955.

LONSDALE, EDWARD M., Professor of Electrical Engineering, University of Wyoming, Laramie, Wyo. 1957.

LOONEY, CHARLES T. G., Head of Civil Engineering, University of Maryland, College Park, Md. 1937.

LOPATA, SIMON, Assistant Professor of Economics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1956.

LORAH, JAMES R., Professor of Chemical Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1951–53.*) 1928.

LORD, ALBERT M., Associate Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio. 1956.

LORD, G. ROSS, Professor and Head of Mechanical Engineering, University of Toronto, Toronto, Ontario, Canada. 1955.

LORELL, WILLIAM W., Associate Professor, Department of Engineering, San Jose State College, San Jose, Calif. 1955.

LOREY, G. EDWIN, Assistant Professor of Ceramic Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

LOTT, ARWYNE O., Senior Designer, Atomic Power Department, Newport News Shipbuilding & Dry Docks Co., Newport News, Va. 1941.

LOTTICH, PHILIP B., Director of Admissions, Illinois Institute of Technology, Chicago, Ill. 1952.

LOUGHRAN, WILLIAM H., Assistant Professor of Chemical Technology, University of Dayton, Dayton, Ohio. 1958.

LOUX, MAYNARD ZIEGLER, Associate Professor of Management Engineering, Rensselaer Polytechnic Institute, Troy, New York. 1953.

LOVAN, JAMES E., Instructor in Technology, Central Technical Institute, Kansas City, Mo. 1950.

LOVE, JOSEPH E., JR., Senior Engineer, Atomic Power Equipment Department, General Electric Company, San Jose, Calif. 1948.

LOVE, TOM J., JR., Assistant Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1957.

LOVE, WESLEY, Instructor in Mathematics and Mechanics, University of Cincinnati, Cincinnati, Ohio. 1958.

LOVELESS, AUSTIN G., Associate Professor of Engineering Drawing, Utah State University, Logan, Utah. 1954.

LOVELESS, HOWARD L., Assistant Professor of Industrial Engineering, University of Tennessee, Knoxville, Tenn. 1958.

LOVELL, ALFRED H., Professor and Chairman Emeritus, Dept. of Electrical Engineering, University of Michigan, Ann Arbor, Mich. *Life Member.* 1920.

LOVELL, CHARLES W., JR., Assistant Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1952.

LOVELL, WILLIAM E., Professor of Electrical Engineering, University of Saskatchewan, Saskatoon, Sask. 1937.

LOVERIDGE, LAWRENCE E., Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1955.

LOVETT, ISRAEL H., Chairman of Electrical Engineering, Missouri School of Mines & Metallurgy, Rolla, Mo. 1921.

LOVING, ROBERT O., Professor of Technical Drawing, Illinois Institute of Technology, 3300 Federal Street, Chicago 16, Ill. 1942.

LOWDERMILK, W. C., 1436 Summit Avenue, Pasadena, Calif. 1956.

LOWE, C. B., 720 West 6th Street, Corona, Calif. 1949.

LOWE, GEORGE B., Drainage Engineer, G. B. Lowe Company, Pasadena, Texas. 1950.

LOWE, JOHN L., Instructor of Science, General Motors Institute, Flint, Mich. 1955.

LOWE, LUCIUS H., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

LOWE, THOMAS M., Professor of Hydraulic Engineering, Louisiana State University, Baton Rouge, La. 1928.

LOWE, WILKYE, B. 1949.

LOWEKE, GEORGE P., Professor of Engineering Mechanics, Wayne State University, Detroit, Mich. 1943.

LOWMAN, SHEPARD W., Professor of Geology, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

LOWEN, WALTER, Professor of Mechanical Engineering, Chairman of Engineering, Union College, Schenectady, N. Y. 1954.

LOWN, JACK ALLEN, Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1953.

LOWRY, ROBERT M., JR., Assistant Professor of Electrical Engineering, United States Air Force Academy, Denver, Colo. 1956.

LOWRY, WALTER L., JR., Professor and Head, Dept. of Civil Engineering, Clemson College, Clemson, S. C. 1950.

LOWRY, WAYNE H., Agricultural Engineer, Farm Equipment Product Planning, International Harvester Company, 180 North Michigan Avenue, Chicago 1, Ill. 1949.

LOYD, WILLIAM H., Instructor in Mechanical Engineering, Michigan State University, East Lansing, Mich. 1957.

LOYE, EDWARD S., Associate Professor of Mathematics, University of Minnesota, Minneapolis, Minn. 1947.

LUBELFELD, JERZY, Associate Professor of Electrical Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Dayton, O. 1948.

LUBIN, JAMES L., Associate Professor of Personnel Relations, Newark College of Engineering, Newark, N. J. 1957.

LUCAL, HAROLD M., Associate Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1953.

LUCAS, FRANK B., Professor and Chairman of Electrical Engineering, University of Miami, Coral Gables, Fla. 1948.

LUCAS, JAMES H., Associate Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

LUCAS, ROSS T., Co-Manager, Lain Technical Institute, Evansville, Ind. 1956.

LUCE, ALEXANDER W., Professor and Head of Mechanical Engineering, Norwich University, Northfield, Vt. 1932.

LUCE, ERNEST S., Assistant Professor of Electronic Technology, College of Technology, University of Houston, Houston 5, Tex. 1955.

LUCITTE, EARNEST A., Professor of Mechanical Engineering and Industrial Engineering, Detroit Institute of Technology, Detroit, Mich. 1950.

LUCK, LEON D., Lecturer in Civil Engineering, Stanford University, Building 307, Apartment 13, Stanford Village, Stanford, California. 1948.

LUCKY, GEORGE W., Assistant Professor of Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1957.

LUDDEN, DWIGHT J., Engineer, Lick Observatory, University of California, Mt. Hamilton, Calif. 1933.

LUDT, RANDALL W., Professor of Chemical Engineering, Michigan State University, East Lansing, Mich. 1939.

LUDWICKSON, JAMES K., Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1938.

LUDY, LLEWELLYN V., Professor Emeritus of Mechanical Engineering, Purdue University, Lafayette, Ind. (Home address: 600 Russell Street, West Lafayette, Ind.) *Life member.* 1902.

LUEBBERS, RALPH H., Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1939.

LUEBKERT, WILLIAM C. B., Instructor in Engineering, Harris Teachers College, St. Louis, Mo. 1958.

LUEBS, AUGUST A., Professor Emeritus of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. (*Life Member.*) 1921.

LUECHT, JOHN W., Senior Staff Engineer, Ramo-Wooldridge Corporation, Los Angeles, Calif. 1950.

LUECK, DAVID W., Assistant Professor of Aeronautical Engineering. 1949.

LUECKE, EDGAR J., Assistant Professor of Electrical Engineering, Valparaiso University, Valparaiso, Ind. 1957.

LUFKIN, JAMES M., Administrative Systems Analyst, Engineering Department, Aeronautical Division, Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. 1956.

LUGO, LEONER A., Associate Professor of Mechanical Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1958.

LUKE, EDWIN D., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

LUKENS, ARCH M., Head, Mechanical Engineering, New Mexico College of A. & M., State College, N. M.

LUKER, JAMES A., Associate Professor, Chemical Engineering, Syracuse University, East Syracuse 4, N. Y. 1951.

LUND, CLARENCE E., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

LUNDBERG, GUSTAVE H., Professor of Applied Mathematics, Vanderbilt University, Nashville, Tenn. 1944.

LUNDEEN, ROBERT W., Manager, Planning Department, The Dow Chemical Company, P.O. Box 351, Pittsburg, Calif. 1955.

LUNDQUIST, ELMER C., Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

LUNDY, TED S., Metallurgist, Metallurgy Engineering, University of Tennessee, Knoxville, Tenn. 1957.

LUNSFORD, JESSE V., Associate Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1955.

LURIE, HAROLD, Associate Professor of Applied Mechanics, California Institute of Technology, Pasadena, Calif. 1958.

LUSK, JAMES B., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1945.

LUTERANCIK, BERNARD J., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

LUTHER, H. B., 919 Federal Reserve Bank Building, Cincinnati, Ohio. 1914.

LUTZ, PAUL C., Instructor in Engineering Drawing, University of Louisville, Louisville, Ky. 1957.

LUTZ, SAMUEL G., Head of Communication and Miniaturization, Weapon System Development Laboratories, Hughes Aircraft Company, Culver City, Calif. 1939.

LUX, WARREN E., Coordinator, Recruiting Department, Union Carbide Corporation, 30 East 42nd St., New York 17, N. Y. 1958.

LUZADDER, WARREN J., Professor of Engineering Graphics, Purdue University, West Lafayette, Ind. 1943.

LYDON, MARTIN J. President, Lowell Technological Institute, Lowell, Mass. 1952.

LYKOUDIS, PAUL S., Assistant Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1958.

LYMAN, JOHN, Associate Professor of Engineering and Psychology, University of California, Los Angeles 24, Calif. 1950.

LYMAN, JOHN R., Associate Professor of Mechanical Engineering, University of Maine, Orono, Me. 1951.

LYNAM, WILLIAM A., Associate Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1947.

LYNCH, EUGENE D., Associate Professor of Ceramic Engineering, University of Illinois, Urbana, Ill. 1956.

LYNCH, HERCHEL E., Instructor in Civil Engineering, Agricultural and Mechanical College of Texas, College Station, Tex. 1958.

LYNCH, S. A., Head, Geology Department, Texas A. & M. College, College Station, Texas. 1948.

LYNCH, WILLIAM A., Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, N. Y. 1952.

LYNN, ROBERT M., Instructor of Engineering Technology Division, Embry Riddle Aeronautical Institute, Miami, Fla. 1958.

LYNN, WALTER R., Assistant Professor of Civil Engineering, University of Miami, Coral Gables, Fla. 1952.

LYON, GEORGE B., Associate Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1947.

LYON, J. A. M., Professor and Chairman of Electrical Engineering, Northwestern University, Evanston, Ill. 1947.

LYON, THOMAS I., Associate Professor of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

LYONS, EDWARD H., Assistant Industrial Coordinator, University of Detroit, Detroit 27, Mich. 1957.

LYSE, INGE M., Professor of Civil Engineering, Director of Concrete Laboratory, Norways Institute of Technology, Trondheim, Norway. 1956.

LYTLE, CHARLES W., Professor Emeritus of Industrial Engineering, New York University, New York, N. Y. (Home Address: 226 Hunter Avenue, N. Tarrytown, N. Y.) *Life Member.* 1922.

MA, BENJAMIN M., Associate Professor of Mechanical Engineering, South Dakota State College, Brookings, S. Dak. 1955.

MABIE, HAMILTON H., Associate Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1941.

MACAGNO, ENZO O., Visiting Research Engineer, Iowa Institute of Hydraulic Research, State University of Iowa, Iowa City, Iowa. 1956.

MACARTNEY, THOMAS W., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1948.

MACCARONE, MICHAEL B., Instructor in Mechanical Engineering, New York University, New York, N. Y. 1956.

MACCONOCHIE, ARTHUR F., Professor and Head of Mechanical Engineering, University of Virginia, Charlottesville, Va. 1951.

MACDONALD, ALBERT E., Dean of Engineering & Architecture, Universtiy of Manitoba, Winnipeg, Manitoba, Canada. 1951.

MACDONALD, GILBERT G., Dean of Students, Northeastern University, Boston, Mass. 1957.

MACDONALD, JAMES R., Professor & Chairman of Mechanical Engineering, University of Mississippi, University, Miss. 1943.

MACDONALD, JOHN A., Senior Instructor in Mathematics, Wentworth Institute, Boston, Mass. 1948.

MACDONALD, ROBERT L., Director of Placement Service, University of Pennsylvania, Philadelphia, Pa. 1956.

MACDONNELL, ROBERT B., REVEREND, Associate Professor of Physics, Holy Cross College, Worcester 10, Mass. 1943.

MACDUFF, JOHN N., Chairman of Mechanical Engineering, Duke University, Durham, N. C. 1948.

MACFARLAND, HOWARD T., Assistant Professor of Electrical Engineering, University of Maine, Orono, Me. 1953.

MACFARLANE, CARL S., Director of Admissions, Ohio Mechanics Institute, Cincinnati, O. 1956.

MCFARLANE, JOHN R., P. O. Box 261, University of Dayton, Dayton 9, Ohio. 1958.

MACHEN, JAMES F., Assistant Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1958.

MACHOVINA, PAUL E., Professor of Engineering Drawing, Ohio State University, Columbus 10, Ohio. 1945.

MACK, DAVID J., Professor, Mining and Metallurgical Engineering, University of Wisconsin, Madison, Wis. 1943.

MACK, EDWARD C., Professor of English, Director of Humanities, The City College of the College of the City of New York, New York 31, N. Y. 1956.

MACK, LAWRENCE R., Assistant Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. 1958.

MACK, ROBERT J., Graduate Student, Nuclear Engineering, University of Michigan, Ann Arbor, Mich. 1957.

MACKIE, SARAH P., Instructor in Drafting, Central Technical Institute, Kansas City, Mo. 1957.

MACKENZIE, DONALD H., Dean, Lincoln Technical Institute, Northeastern University, Boston, Mass. 1946.

MACKENZIE, JOHN M., Plant Manager, Toro Manufacturing Company, Minneapolis, Minn. 1948.

MACKEY, ALAN A., Assistant to the Registrar, Assistant Professor of Mathematics, Northeastern University, Boston, Mass. 1956.

MACKEY, CHARLES O., Professor of Heat-Power, Cornell University, Ithaca, N. Y. 1942.

MACKIN, FRANK L., Chairman, Machine Shop Dept., General Motors Institute, Flint, Mich. 1945.

MACKLIN, HAROLD L., Associate Professor of Civil Engineering, University of Toronto, Toronto, Ontario, Canada. 1952.

MACKLIN, HOWARD A., Associate Professor of Mechanics, Indiana Technical College, Fort Wayne, Ind. 1957.

MACKSON, CHESTER J., Assistant Professor of Agricultural Engineering, Michigan State University, East Lansing, Mich. 1952.

MACLEAN, EDWARD A., Professor and Head, Dept. of Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1937.

MACLEAN, GEORGE R., Professor and Chairman of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1953.

MAC NARY, HARRY D., Assistant Professor of Mechanical Engineering, Montana State College, Bozeman, Mont. 1958.

MAC NAUGHTON, EDGAR, Professor Emeritus of Mechanical Engineering, Tufts University, Medford, Mass. *Life Member.* 1916.

MACROPOL, JOHN, Instructor in Physics, Lawrence Institute of Technology, Detroit, Mich. 1957.

MADDOX, CYRUS V., Dean of Students, Southern Technical Institute, Chamblee, Ga. 1957.

MADDOX, ROBERT N., Associate Professor of Chemical Engineering, Oklahoma State University, Stillwater, Okla. 1958.

MADEIRA, ALBERT P., Instructor in English, University of Massachusetts, Amherst, Mass. 1953.

MADISON, M. LESLIE, Associate Professor and Chairman of Mathematics, Colorado State University, Fort Collins, Colo. 1956.

MADLON, EUGENE A., Manager of Engineering and Job Training, International Business Machines Corporation, Owego, N. Y. 1957.

MADSEN, DONALD H., Associate Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1953.

MADSEN, NIELS, Associate Professor of Chemical Engineering, University of Rhode Island, Kingston, R. I. 1957.

MAECHLER, HUGO C., Engineering Drawing Checker, Lockheed Aircraft Company, Burbank, Calif. 1951.

MAEDEL, GEORGE F., President, RCA Institutes, 350 West 4th St., New York 14, N. Y. 1948.

MAEDER, PAUL F., Professor of Engineering, Brown University, Providence, R. I. 1956.

MAGNUSON, ELTON E., President, Lus-Trus Corporation, Ypsilanti, Mich. 1943.

MAGNUSSON, PHILIP C., Associate Professor of Electrical Engineering, Oregon State College, Corvallis, Ore. 1948.

MAHAN, JOHN F., Industrial Engineering, General Motors Institute, Flint, Mich. 1952.

MAHLMEISTER, JAMES E., Senior Research Engineer, Atomics International Division of North American Aviation, Van Nuys, Cal.; Lecturer in Engineering, University of California, Los Angeles, Cal. 1954.

MAHONE, LESLIE W., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1954.

MAHROUS, HAROUN, Chairman of Electrical Engineering, Pratt Institute, Brooklyn 5, N. Y. 1958.

MAINARDI, MARCUS N., Associate Professor of Physics, Newark College of Engineering, Newark, N. J. 1949.

MAINARDI, POMPEY, Executive Associate and Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1935.

MAINS, LAURENCE P., Professor and Head of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1937.

MAINS, ROBERT M., Consulting Engineer, Knolls Atomic Power Laboratory, General Electric Company, Schenectady, N. Y. 1943.

MAJDE, STEFAN, Consulting Engineer, Pennsylvania Instruments Division, Burgess-Manning Company, 724 Chetwynd, Rosemont, Pa. 1953.

MAJER, FRANK, JR., Assistant Professor of Drafting, The City College of the College of the City of New York, New York. 1958.

MAJORS, HARRY, JR., Head of Mechanical Engineering Department, Seattle University, Broadway and Madison, Seattle 22, Wash. 1954.

MAKENS, ROYAL F., Professor and Chairman of Chemistry and Chemical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1954.

MALAKER, STEPHEN F., Professor of Nuclear Engineering, Newark College of Engineering, Newark 2, N. J. 1957.

MALCOLM, DONALD G., Director of Operations, Research Department, Booz, Allen & Hamilton, Chicago, Ill. 1950.

MALE, CHARLES T., JR., Professor of Civil Engineering, Union College, Schenectady, N. Y. 1943.

MALER, GEORGE J., Assistant Professor of Electrical Engineering University of Colorado, Boulder, Colo. 1958.

MALLETT, FRANK M., Associate Professor of Aeronautical Engineering, Ohio State University, Columbus 10, Ohio. 1944.

MALLINSON, GEORGE G., Dean, School of Graduate Studies, Western Michigan University, Kalamazoo, Mich. 1958.

MILLON, ARTHUR H., Assistant Professor of Civil Engineering, Merrimack College, North Andover, Mass. 1958.

MALMBERG, BEN O., Associate Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1948.

MALONEY, JAMES D., JR., Research Engineer, Research Laboratories, The Mead Corp., Chillicothe, Ohio. 1950.

MALONEY, JAMES O., Professor and Head, Dept. of Chemical Engineering, University of Kansas, Lawrence, Kans. 1946.

MALVERN, LAWRENCE E., Professor of Applied Mechanics, Michigan State University, East Lansing, Mich. 1956.

MALY, DIS, Professor of Mathematics, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

MANCI, ORLANDO J., JR., Graduate Assistant in Aeronautical Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1958.

MANDERFIELD, NICHOLAS H., Professor and Head of Mineral Dressing, Michigan College of M. & T., Houghton, Mich. 1937.

MANEY, C. THOMAS, Electrical Engineering, University of Kentucky, Lexington, Ky. 1951.

MANGAN, HORATIO A., Professor of Physics, Southeast Missouri State College, Cape Giradeau, Mo. 1953.

MANGASARIAN, RICHARD D., Associate Professor of Civil Engineering, Newark College of Engineering, Newark, N. J. 1949.

MANGELSDORF, CLARK P., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1958.

MANGER, ROBERT F., Instructor in Electrical Technology, University of Dayton, Dayton, Ohio. 1948.

MANGNALL, DAVID H., Registar, Assistant Director of Evening Sessions, Newark College of Engineering, Newark 2, N. J. 1949.

MANIFOLD, GEORGE O., Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1958.

MANILDI, JOSEPH F., Professor of Engineering, University of California, Los Angeles, Calif. 1949.

MANN, GEORGE E., Assistant Professor of Engineering, Los Angeles State College, Los Angeles, Calif. 1958.

MANN, JOHN H. C., Professor of Structural Engineering, Virginia Military Institute, Lexington, Va. 1951.

MANN, LEONARD A., S.M., Dean of Science, University of Dayton, Dayton 9, Ohio. 1957.

MANN, LEONARD R., Assistant Professor of Marine Engineering, U. S. Naval Academy, Annapolis, Md. 1953.

MANN, PAUL, Associate Professor of Electrical Engineering, University of Idaho, Moscow, Idaho. 1949.

MANN, RICHARD A., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1950.

MANN, RICHARD L., Assistant Professor of Engineering, San Diego State College, San Diego, Calif. 1957.

MANNES, ROBERT L., Associate Professor, Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1954.

MANNING, H. L., Head, Dept. of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1938.

MANNING, MELVIN L., Development Engineer, The Pennsylvania Transformer Co., Canonsburg, Pa. 1940.

MANNING, THOMAS A., JR., Instructor in Engineering Mechanics, Lousiana State University, Baton Rouge 3, La. 1958.

MANNIX, FRANCIS L., Personnel Manager of Personnel Department, Boston Division, Minneapolis-Honeywell Regulator Company, Framingham, Mass. 1957.

MANNUCCIA, HERBERT, Assistant Professor of Architecture, Catholic University of America, Washington, D. C. 1949.

MANOS, GEORGE P., Assistant Professor of Civil Engineering, University of Akron, Akron, Ohio. 1958.

MANSON, PHILIP W., Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1947.

MANTELL, CHARLES L., Chairman of Chemical Engineering Newark College of Engineering, Newark, N. J. 1955.

MANTELL, MURRAY I., Professor and Chairman of Civil Engineering, University of Miami, Coral Gables, Fla. 1947.

MANTLE, JOHN B., Professor and Head of Mechanical Engineering, University of Saskatchewan, Saskatoon, Sask., Canada. 1958.

MANUCIA, HERBERT, Mechanical Engineering, Stanford University, Stanford, Calif. 1954.

MANZ, OSCAR E., Assistant Professor of Civil Engineering, University of North Dakota, Grand Forks, N. Dak. 1955.

MANZO, JOSEPH, Instructor, Roger Williams Junior College, Providence, R. I. 1957.

MARA, HUBERT W., Professor of Eng. Drawing, Mechanical Eng., Norwich University, Northfield, Vermont. 1939.

MARBOE, ROBERT F., Associate Professor of Engineering Research and Assistant Director of Ordnance Research Laboratory, Pennsylvania State University, University Park, Pa. 1955.

MARCH, GUY E., Professor of Mathematics, South Dakota School of M. & T., Rapid City, S. D. 1946.

MARCHAND, ARTHUR J., JR., Instructor of Mechanical Engineering, Northeastern University, Boston, Mass. 1956.

MARCHANT, GUY B., Professor of Mathematics, Evansville College, Evansville, Ind. 1927.

MARCO, HERBERT F., 8965 Fashion Drive, Sacramento, Calif. 1949.

MARCO, SALVATORE M., Professor and Head, Dept. of Mechanical Engineering, The Ohio State University, Columbus, Ohio. 1937.

MARCUS, JOSEPH S., Associate Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1952.

MARCUVITZ, NATHAN, Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1957.

MAREK, CLARENCE T., Professor, Foundry Dept. Head, Purdue University, Lafayette, Ind. 1946.

MARGOLIN, CHARLES H., Instructor of Industrial Eng., Syracuse University, Syracuse, N. Y. 1955.

MARIN, AXEL, Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1941.

MARIN, JOSEPH, Professor and Head of Engineering Mechanics, The Pennsylvania State University, University Park, Pa. *Fourth Recipient, George Westinghouse Award (1949).* 1931.

MARINO, CHARLES J., Director, Placement Bureau, Saint Louis University, St. Louis, Mo. 1954.

MARION, CECIL P., JR., Assistant Dean of Engineering, University of Miami, Coral Gables 46, Fla. 1949.

MARIS, JAMES R., Instructor Supervisor, Technical Institute, Purdue University, Lafayette, Ind. 1956.

MARK, MELVIN, Professor, Engineering Division, Lowell Technological Institute, Lowell, Mass. 1958.

MARKEN, MARZALE L., Instructor in Mechanical Engineering, Michigan College of Mining and Technology, Sault Ste. Marie, Mich. 1958.

MARKS, JAMES A., Engineer Placement Director, Assistant Professor of Drawing and Description, University of Wisconsin, Madison 6, Wis. 1955.

MARKWOOD, MALCOLM H., Assistant Vice President of Personnel, Southern Bell Telephone and Telegraph Co., Atlanta, Ga. 1953.

MARLOWE, DONALD E., Professor of Mechanical Engineering, Dean of Engineering and Architecture, Catholic University of America, Washington, D. C. 1955.

MARMION, KEITH R., Assistant Professor of Civil Engineering, Texas Technological College, Lubbock, Tex. 1958.

MARMO, E. JOSEPH, Professor and Head of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1940.

MARQUIS, FRANKLIN W., Professor Emeritus of Mechanical Engineering, Ohio State University, Columbus, Ohio. (*Member of Council 1936–39.*) *Life Member.* 1910.

MARRON, JOHN F., Assistant Professor of Civil Engineering, University of Miami, Coral Gables, Fla. 1957.

MARSCHALK, HENRY E., Head, Publications Branch, Bureau of Ordnance, Navy Dept., Washington, D. C. 1951.

MARSDEN, SULLIVAN S., JR., Associate Professor of Petroleum Engineering, Stanford University, Stanford, Calif. 1954.

MARSEL, CHARLES J., Associate Professor of Chemical Engineering, New York University, New York, N. Y. 1950.

MARSH, R. WARREN, Senior Instructor in Applied Physics, Erie County Technical Institute, Buffalo, N. Y. 1949.

MARSH, ROBERT F., Associate Professor of Electrical Engineering, Norwich University, Northfield, Vt. 1952.

MARSH, WILLIAM H., Dean, Keegan Technical Institute, Memphis, Tenn. 1957.

MARSH, WILSON E., Senior Instructor in Mechanical Engineering Technology, Wentworth Institute, Boston, Mass. 1953.

MARSHALL, DONALD H., Director, Division of General Studies, College of Agriculture and Mechanic Arts, University of Puerto Rico, Mayaguez, P. R. 1957.

MARSHALL, GILBERT A., Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1951.

MARSHALL, MAURICE K., Assistant Professor of Mechanical Engineering, University of Kentucky, Lexington, Ky. 1957.

MARSHALL, OSCAR J., Professor of Civil Engineering, University of Toronto, Toronto 5, Ontario, Canada. 1940.

MARSHALL, ROBERT R., Assistant Professor of Mechanical Engineering, Indiana Technical College, 1600 E. Washington Blvd., Fort Wayne, Ind. 1957.

MARSHALL, ROGER P., Professor of English, North Carolina State College, Raleigh, N. C. 1948.

MARSHALL, SCOTT J., Instructor in Electrical Engineering, Colorado School of Mines, Golden, Colo. 1956.

MARSHALL, THOMAS A., JR., Senior Assistant Secretary, American Society of Mechanical Engineers, 29 West 39th St., New York 18, N. Y. 1953.

MARSHALL, THOMAS G., Staff Assistant, Technical Personnel Services, General Electric Co., Richland, Wash. 1949.

MARSHALL, W. R., JR., Associate Dean, Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1952.

MARSTON, GEORGE A., Dean, School of Engineering, Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. (*Member of Council, 1953–55.*) 1938.

MARTEENA, J. M., Dean, School of Engineering, A. & T. College, Greensboro, N. C. 1943.

MARTHINSEN, JOHN, Instructor in Civil Engineering, Lafayette College, Easton, Pa. 1947.

MARTI-MARINI, HUMBERTO, Professor and Director of Civil Engineering, College of Agriculture and Mechanical Arts, Mayaguez, Puerto Rico. 1954.

MARTIN, ALBERT R., Instructor in Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1957.

MARTIN, BRUCE W., Instructor in General Engineering, Los Angeles City College, Los Angeles, Calif. 1933.

MARTIN, GEORGE H., Associate Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1955.

MARTIN, GEORGE K., Assistant Professor of General Engineering, University of Kentucky, Lexington, Ky. 1958.

MARTIN, GORDON E., Instructor, General Engineering, University of Illinois, Urbana, Ill. 1954.

MARTIN, HAROLD C., Professor and Chairman of Aeronautical Engineering, University of Washington, Seattle, Wash. 1958.

MARTIN, HAROLD W., Professor of Management Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

MARTIN, JAMES L., Instructor in Mathematics, Virginia Military Institute, Lexington, Va. 1956.

MARTIN, JAMES W., Professor and Head, Dept. of Agricultural Engineering, University of Idaho, Moscow, Idaho. 1946.

MARTIN, JOSEPH J., Professor of Chemical and Metalurgical Engineering, University of Michigan, Ann Arbor, Mich. 1941.

MARTIN, PHILIP C., President, Westchester Community College, White Plains, N. Y. 1949.

MARTIN, ROBERT E., Assistant Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas. 1954.

MARTIN, ROBERT L., Graduate Instructor in Mechanical Engineering, Ohio University, Athens, Ohio. 1958.

MARTIN, ROSS J., Director of Engineering Experiment Station, University of Illinois, Urbana, Ill. 1947.

MARTIN, THOMAS L., JR., Dean of Engineering, University of Arizona, Tucson, Ariz. 1956.

MARTIN, WALLACE H., Professor of Engineering, University of Portland, Portland, Ore. *Life Member.* 1913.

MARTINEZ, JOHN L., Assistant Dean of Engineering, Tulane University, New Orleans, La. 1950.

MARTINEZ, JOSE E., Associate Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1949.

MARTINSON, EARL P., Professor and Head, Industrial Engineering Dept., University of Florida, Gainesville, Fla. 1948.

MARTINUZZI, PIO F., Professor of Mechanical Engineering, Stevens Institute, Hoboken, N. J. 1952.

MARVIN, FRANK F., Assistant Professor of Mechanics, U. S. Air Force Academy, Colorado, 1958.

MASCH, FRANK D., JR., Instructor in Civil Engineering, University of Texas, Austin, Tex. 1958.

MASER, HAROLD T., Training Director, International Division, General Electric Company, 570 Lexington Ave., New York 22, N. Y. 1950.

MASKALENKO, EDWARD J., Associate Professor of Electrical Engineering, Tufts University, Medford, Mass. 1958.

MASNAGHETTI, RAYMOND K., Manager, Research and Analysis, Stavid Engineering, Plainfield, N. J. 1957.

MASON, HENRY L., Supervisory General Engineer, Data Processing Systems, National Bureau of Standards, Washington, D. C. 1945.

MASON, HIRAM R., Electrical Engineering Dept., University of Detroit, Detroit 21, Mich. 1939.

MASON, JAMES I., Director of Gaston Technical Institute, a Division of North Carolina State College School of Engineering, Gastonia, North Carolina. 1958.

MASON, JESSE W., Dean of Engineering, Georgia Institute of Technology, Atlanta, Ga. 1935.

MASON, MARTIN A., Dean of Engineering, George Washington University, Washington, D. C. 1951.

MASON, PAUL M., Associate Professor of Engineering Drawing, Agricultural and Mechanical College of Texas, College Station, Tex. 1947.

MASON, WENDELL E., Professor of Engineering, University of California at Los Angeles, Calif. 1939.

MASS, MARVIN L., Structural Engineer, A. Epstein & Sons, Inc., 9842 S. Hoxie, Chicago, Ill. 1948.

MASSARD, ERNEST J., Manager, Technical Data Department, Thompson Products, Incorporated, Cleveland, Ohio. 1952.

MASSEY, FRANK A., JR., College of Engineering, San Jose State College, San Jose 14, Calif. 1957.

MASSON, DONALD L., Chairman of Mining, Washington State College, Pullman, Wash. 1948.

MATAR, JOSEPH E., Instructor in Mechanics, University of Michigan, Ann Arbor, Mich. 1949.

MATCHETT, GERALD J., Director, National Center of Education and Research in Dynamic Equipment Policy, Illinois Institute of Technology, Chicago, Ill. 1951.

MATHENY, JAMES D., Associate Professor of Mechanical Engineering, University of Alabama, University, Ala. 1954.

MATHER, NORMAN W., Associate Professor of Electrical Engineering, Princeton University, Princeton, N. J. 1949.

MATHERS, LEWIS J., JR., 27[c] South Fairway, Pullman, Wash. 1957.

MATHES, SAMUEL R., Associate Professor of Engineering Drawing, University of Miami, Coral Gables, Fla. 1950.

MATHEWS, ARCHIE, Instructor in General Engineering, University of Illinois, Urbana, Ill. 1955.

MATHEWS, KENNETH W., Southern District Manager, College Department, McGraw-Hill Book Co., Ga. 1958.

MATHEWSON, CHAMPION H., Professor Emeritus of Metallurgy and Metallography, Yale University, New Haven, Conn. *Life Member.* 1921.

MATHEWSON, JOHN H., Professor of Engineering, University of California at Los Angeles Calif. 1946.

MATHIAS, ROBERT A., Assistant Professor, Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1955.

MATHIEU, RICHARD D., Instructor in Aeronautical Engineering, The Pennsylvania State University, University Park, Pa. 1957.

MATHIS, HAROLD F., Research Engineer, Aerophysics Dept., Goodyear Arciraft Corp., Akron 15, Ohio. 1950.

MATILLA, AURELIO, Professor of Civil Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1957.

MATLOCK, HUDSON, Associate Professor of Civil Engineering, University of Texas, Austin, Texas. 1953.

MATSCH, LEANDER W., Professor of Electrical Engineering, University of Arizona, Tucson 25, Ariz. 1949.

MATSON, RAY M., Director of Schedules and Admission, School of Engineering, Southern Methodist University, Dallas 5, Tex. 1937.

MATTE, ANDREW L., Associate Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

MATTHES, GEORGE F., Professor and Head, Dept. of Mechanical Engineering, Louisiana State University, University, La. 1935.

MATTHEWS, EDGAR W., JR., Engineer, Microwave Components, Missile and Surface Radar Division, Radio Corporation of America, Moorestown, N. J. 1957.

MATTHEWS, JAMES B., Instructor in Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1957.

MATTHEWS, JOHN H., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1954.

MATTICE, HUBERT CLAUDE, Assistant Professor of Aeronautical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.

MATTILL, JOHN I., Assistant to the Director of Public Relations, Director of Publications, Massachusetts Institute of Technology, Cambridge, Mass. 1948.

MATTINGLY, JOHN W., Instructor in Mechanical Engineering, Colorado State University, Ft. Collins, Colo. 1958.

MATZ, CLIFTON H., Coordinator, Trades and Industry, Flint Community Junior College, Flint, Mich. 1954.

MATTSON, DALE W., Professor and Head of Civil Engineering Dept., Tennessee Polytechnic Institute, Cookeville, Tenn. 1946.

MATZ, CLIFTON H., Instructor in Production Engineering, Flint Community College, Flint, Mich. 1954.

MAUGH, LAWRENCE C., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1940.

MAVIS, FREDERIC T., Dean of Engineering, University of Maryland, College Park, Md. (*Member of Council, 1948–50.*) 1929.

MAVOR, JAMES WATT, JR., Associate Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1953.

MAVROMATIS, ALBERT, Instructor in Physics, Newark College of Engineering, Newark, N. J. 1957.

MAXFIELD, HAROLD A., Professor and Head of Electrical Engineering, Norwich University, Northfield, Vt. 1925.

MAXSON, GEORGE R., Professor of Engineering Drawing, University of Oklahoma, Norman, Okla. 1949.

MAXWELL, BRYCE, Associate Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1957.

MAXWELL, ROBERT L., Associate Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1948.

MAY, ADOLF D., JR., Highway Associate Professor of Civil Engineering, Michigan State University, East Lansing, Mich. 1951.

MAY, DONALD C., Mathematician, U. S. Civil Service, Bureau of Ordnance, Navy Dept., Washington, D. C. 1949.

MAY, JAMES E., Associate Professor and Chairman of Aeronautical Engineering, University of Virginia, Charlottesville, Va. 1946.

MAY, JAMES W., Director of Technical Training, American Air Filter Company, Incorporated, Louisville 8, Ky. 1957.

MAY, JOHN R., Head of Nuclear Systems and Special Projects Group, Preliminary Design, AiResearch Manufacturing Company, Phoenix, Ariz. 1950.

MAY, MARVIN C., Associate Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1947.

MAYER, HERBERT C., JR., Administrator, School of Nuclear Engineering, General Electric Company, Richland, Wash. 1956.

MAYER, JOHN K., Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1937.

MAYER, KURT L., Professor of Physics, Worcester Polytechnic Institute, Worcester, Mass. 1948.

MAYER, PAUL G., Assistant Professor of Hydraulics, Cornell University, Ithaca, N. Y. 1958 .

MAYFIELD, LEWIS G., Assistant Professor of Chemical Engineering, Montana State College, Bozeman, Mont. 1955.

MAYHEW, DONALD J., Instructor in Mechanical Engineering, University of Utah, Salt Lake City, Utah. 1958.

MAYNOR, HAL W., JR., Associate Professor of Mining and Metallurgy, University of Kentucky, Lexington, Ky. 1958.

MAYO, WILLIAM K., Chairman of Engineering, City College of San Francisco, San Francisco, Calif. 1956.

MAYROSE, HERMAN E., Professor of Engineering Mechanics, University of Detroit, Detroit 21, Mich. 1940.

MAZZOLA, MICHAEL C., Associate Dean, Franklin Technical Institute, 41 Berkeley Street, Boston, Mass. 1957.

MCADAMS, WILLIAM H., Professor Emeritus and Lecturer in Chemical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1932.

MCALLISTER, ROBERT A., Department of Chemical Engineering, Lamar State College of Technology, Beaumont, Tex. 1954.

MCARTHUR, HAROLD R., Associate Professor of Applied Mechanics, University of Alberta in Calgary, Alberta, Can. 1958.

MCAULIFFE, DANIEL C., Dean & Vice President of Engineering, Montana School of Mines, Butte, Mont. 1956.

MCBEATH, BERNARD C., Serefli Sokak No. 10, Mebusevleri, Ankara, Turkey. 1956.

MCBRIDE, CHARLES A., Instructor, Lain Technical Institute, Indianapolis, Ind. 1958.

MCBRIDE, EDWARD J., Professor and Chairman Department of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1952.

MCBRIDE, GUY T., JR., Texas Gulf Sulphur Company, 75 East 45th St., New York 17, N. Y. 1951.

MCCABE, BASIL, Member, Tech. Staff, Military Electronics, Bell Tel. Labs., Whippany, N. J. 1950.

MCCABE, (BROTHER) JOSEPH, F.S.C., Professor and Head of Civil Engineering, Manhattan College, New York, N. Y. 1943.

MCCABE, WARREN L., Administrative Dean, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1949.

MCCABE, WILLIAM M., Assistant Professor in Electrical Engineering, Institute of Technology, St. Louis University, St. Louis 8, Mo. 1952.

MCCAIN, DEWEY M., Professor and Head, Dept of Civil Engineering, Mississippi State University, State College, Miss. 1933.

MCCALEB, OMER K., Head of Industrial Arts, David Douglas High School, Portland, Ore. 1952.

MCCALL, ERNEST A., Instructor, Technical Department, Central Technical Institute, Kansas City, Mo. 1956.

MCCALLICK, HUGH E., Associate Dean, College of Technology, University of Houston, Houston Tex. 1950.

MCCAMMON, LEWIS B. JR., Senior Designer, C. F. Braun & Co., 1000 S. Fremont Ave., Alhambra, Calif. 1954.

MCCANN, GILBERT D., Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1947.

MCCARTHY, JAMES A., Professor of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1939.

MCCARTHY, JOHN F., Associate Professor of Civil Engineering, Saint Louis University, St. Louis, Mo. 1955.

MCCARTHY, JOSEPH L., Professor of Chemical Engineering, University of Washington, Seattle, Wash. 1949.

MCCARTY, JAMES W., Associate Professor, A. French Textile School, Georgia Institute of Technology, Atlanta, Ga. 1952.

MCCARTY, WALTER T., Senior Engineer, Westinghouse Atomic Power Division, Pittsburgh, Pa. 1954.

MCCASLIN, JOHN G., Assistant Professor of Physics, Montana School of Mines, Butte, Mont. 1957.

MCCAULEY, HOWARD W., Associate Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa. 1954.

MCCAULEY, ROY B., Associate Professor and Chairman of Welding Engineering, Ohio State University, Columbus, Ohio. 1943.

MCCLAIN, CLIFFORD H., Development Engineer, Formvac Corporation, Division of Welding Engineers, Incorporated, Norristown, Pa. 1956.

MCCLAIN, FRED H., Professor Emeritus of Electrical Engineering, University of Denver, Denver, Col. (Home address: 8253 Owens Street, Sunland, Calif.) *Life Member.* 1921.

McClain, Raymond G., Instructor in Mechanical Engineering, University of Missouri, Columbia, Mo. 1958.

McClaren, George D., Director, Industrial Relations, The Magnavox Company, Fort Wayne, Ind. 1949.

McClay, Clarence H., Staff Engineer, Westinghouse Electric Corporation, Baltimore, Md. 1951.

McClelland, Frank M., Instructor in Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1956.

McClintock, Edwin C., Jr., Professor of General Engineering, Director of Information and Publications, College of Engineering and Engineering Experiment Station, University of Illinois, Urbana, Illinois (Editor of Journal, 1955–58). 1939.

McClung, James D., Associate Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1943

McClure, James D., Instructor in Applied Mechanics, University of Kansas, Lawrence, Kan. 1955.

McClure, Milton R., Director, Engineering Evening School, Georgia Institute of Technology, Atlanta, Ga. 1953.

McClure, Oscar E., Associate Professor of Physics and Electrical Engineering, Ohio University, Athens, Ohio. 1937.

McCollum, Robert C., Instructor in Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1956.

McColly, Howard F., Professor of Agricultural Engineering, Michigan State University, East Lansing, Mich. 1950.

McComas, Stuart T., Assistant Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1957.

McConnell, Robert K., Assistant Professor of Mathematics, University of Rhode Island, Kingston, R. I. 1958.

McCool, John C., Assistant Director, American Technical Institute, Akron, Ohio. 1958.

McCoole, Robert F., Technical Personnel Manager, Monsanto Chemical Company, St. Louis, Mo. 1956.

McCord, Robert E., Associate Professor of Engineering, The Pennsylvania State University, University Park, Pa. 1949.

McCormick, Caleb W., Jr., Associate Professor of Civil Engineering, California Institute of Technology, Pasadena, Calif. 1952.

McCormick, Frank J., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1948.

McCracken, Leslie G., Jr., Associate Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1953.

McCrocklin, Andrew J., Sr., Engineer, Commonwealth Edison, General Electric, 2914 Cherry Ave., San Jose, Calif. 1947.

McCrumm, John D., Chairman of Engineering Swarthmore College, Swarthmore, Pa. 1936.

McCuan, Marvin G., Professor and Chairman, Department of Engineering and Mathematics, Amarillo College, Amarillo, Tex. 1952.

McCulloch, Frank W., Coordinator of General Employment Practices, Radio Corporation of America, Front and Cooper Streets, Camden 2, N. J. 1955.

McCullough, Earl S., Instructor in Drawing, Mechanics and Design, University of Buffalo, Buffalo, N. Y. 1957.

McCullough, Frank M., Professor Emeritus, Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (*Life member.*) 1910.

McCurdy, Henry B., Managing Editor and Assistant Manager, College Dept., Macmillan Company, 60 5th Avenue, New York City. 1936.

McCutchan, Joseph W., Associate Professor of Engineering, University of California, Los Angeles, Calif. 1949.

McDonald, A. P., Chairman of Engineering Drawing, The Rice Institute, Houston, Tex. 1949.

McDonald, Patrick H., Jr., Research Associate Professor, Engineering Research Dept., North Carolina State College, Raleigh, N. C. 1953.

McDonald, Raymond N., Design Engineer, Los Alamos Scientific Laboratory, Los Alamos, N. Mex. 1944.

McDonnell, Robert L., Chairman of Engineering, Citrus Junior College, Glendora, Calif. 1958.

McDonough, Donald L., Head of Mathematics, Evening College, Drexel Institute of Technology, Philadelphia, Pa. 1954.

McDow, John J., Professor and Head of Agricultural Engineering, Louisiana Polytechnic Institute, Ruston, La. 1958.

McDuffie, George E., Jr., Assistant Professor in Electrical Engineering, The Catholic University of America, Washington, D. C. 1954.

McDuffie, Roy O., Professor of Metallurgy, University of Cincinnati, Cincinnati, Ohio. 1948.

McEachron, Karl B., Jr., Dean of Instruction, Case Institute of Technology, 10900 Euclid, Cleveland 6, Ohio. (*Member of Council, 1951–53.*) 1945.

McElhaney, James H., Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1956.

McElrath, Gayle W., Head of Industrial Engineering, University of Minnesota, Minneapolis 14, Minn. 1955.

McEnany, Mike V., Associate Professor of Electrical Engineering and Registrar, The Rice Institute, Houston, Texas. 1943.

McEnge, Withro, USOM-Baghdad, Iraq. c/o State Department Mail Room, Washington 25, D. C. 1957.

McEntyre, John G., Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1949.

McEvoy, John K., Supervisor of Education and Training, A.C. Spark Plug Division, General Motors Corporation, Flint, Mich. 1957.

McFadden, James A., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1958.

McFall, Russell W., Manager of Engineering, Special Defense Projects Department, General Electric Company, Philadelphia, Pa. 1952.

McFarlan, Harold J., Assistant Professor of Geodesy and Surveying, University of Michigan, Ann Arbor, Mich. 1941.

McFarland, Francis J., Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1956.

McFarland, James D., Professor and Chairman, Drawing, University of Texas, Austin, Texas. 1938.

McFarlin, Robert J., 5531 Dunning Place, Cincinnati, Ohio. 1953.

McFeron, Dean E., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. (On leave of absence to Argonne National Laboratory, Lemont, Ill.) 1955.

McGarrah, James E., Assistant Professor of Engineering Drawing, Agricultural and Mechanical College of Texas, College Station, Tex. 1958.

McGauhey, Percy H., Professor of Sanitary Engineering, University of California, Richmond, Calif. 1946.

McGaw, Alex J., Head, Civil and Architectural Engineering, University of Wyoming, Laramie, Wyo. (*Member of Council, 1958–.*) 1951.

McGeady, Leon J., Professor of Metallurgical Engineering, Lafayette College, Easton, Pa. 1958.

McGee, Florence M., Assistant Professor, Library Department, Michigan College of Mining and Technology, Houghton, Mich. 1945.

McGehee, Edward M., Assistant Director of Home Study, University of Chicago, Chicago, Ill. 1949.

McGivern, James G., Dean of Engineering, Gonzaga University, Spokane, Wash. 1936.

McGlashan, Donald W., Head and Research Professor of Mineral Dressing, Montana School of Mines, Butte, Mont. 1956.

McGlothlan, John A., Assistant Professor of Mechanical Engineering, San Jose State College, San Jose, Calif. 1955.

McGrady, Denton D., Assistant Professor of Metallurgical Engineering, Michigan State University, East Lansing, Mich. 1939.

McGraw, James L., Assistant Professor of Technical Institute, University of Dayton, Dayton 9, Ohio. 1955.

McGuire, John G., Professor of Engineering Drawing, Assistant to Dean, A. & M. College of Texas, College Station, Texas. 1939.

McGuire, Noel C., Associate Professor of Drawing, University of Texas, Austin, Texas. 1945.

McHose, Andre H., Senior Engineer, Haller, Raymond and Brown, Incorporated, Science Park, State College, Pa. 1953.

McHugh, Alexander E., Associate Professor of Metallurgy, South Dakota School of Mines and Technology, Rapid City, S. Dak. 1956.

McHugh, Carl M., Associate Professor of Drawing and Design, Clemson Agricultural Colleger, Clemson, S. C. 1953

McHugh, Edward, Dean of Faculty, Clarkson College of Technology, Potsdam, N. Y. 1947.

McHugh, Richard J., Instructor in Mechanical Engineering, University of Detroit, Detroit, Mich. 1957.

McIlvain, John M., Representative, Research and Development, The Atlantic Refining Company, P. O. Box 8138, Philadelphia 1, Pa. 1944.

McIlvaine, William D., Assistant to the Dean and Associate Professor of Industrial Engineering, 255 West Engineering Building, University of Michigan, Ann Arbor, Mich. 1947.

McIntire, Sumner H., Professor of Physics, Norwich University, Northfield, Vt. 1950.

McIntosh, Charles W., Program Officer, Office of Education, Department of Health, Education and Welfare, Washington, D. C. 1953.

McIntosh, W. R., Professor and Head of Civil Engineering, University of Louisville, Louisville, Ky. 1948.

McIntosh, William G., Professor of Mechanical Engineering, University of Toronto, Toronto, Canada. 1943.

McIntyre, Harry J., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1946–48.*) 1939.

McKay, George C., Jr., Senior Instructor in Electronics, University of Houston, Houston, Tex. 1955.

McKay, Isabel, President Embry-Riddle Aeronautical Institute, Miami, Fla. 1958.

McKay, Juan Bautista, Professor, University of Panama, Panama, Republic of Panama. 1958.

McKean, James P., American Appraisal Co., 4481 N. Frederick, Milwaukee 11, Wisc. 1943.

McKee, Albert G., Assistant Professor of General Engineering, Louisiana Polytechnic Institute, Ruston, La. 1958.

McKee, Edd R., Dean, College of Technology, University of Vermont, Burlington, Vt. (*Member of Council, 1949–51.*) 1934.

McKee, Jack E., Professor of Sanitary Engineering, California Institute of Technology, Pasadena, Calif. 1950.

McKee, Jewel C., Jr., Professor and Head of Electrical Engineering, Mississippi State University, State College, Miss. 1952.

McKee, O. Grady, Project Engineer, Advanced Engines Department, Wright Aeronautical Division, Curtiss-Wright Corporation, Wood-Ridge, N. J. 1948.

McKee, Robert E., Training Director, The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio. 1946.

McKeel, James T., Jr., Instructor in Electrical Engineering, Duke University, Durham, N. C. 1958.

McKelvey, James M., Associate Professor of Chemical Engineering, Washington University, St. Louis 5, Mo. 1955.

McKenna, Joseph V., Associate Professor of Industrial Engineering, Syracuse University, Syracuse 10, N. Y. 1949.

McKenry, Nell, Assistant Secretary, Emeritus, American Society for Engineering Education, 621 Olympia Road, Pittsburgh 11, Pa. (*Assistant Secretary, 1918–48.*) *Life member.* 1923.

McKeon, Jesse C., Director of Training, Headquarters Industrial Relations, Westinghouse Electric Corporation, Pittsburgh, Pa. (*Member of Council, 1949–51.*) 1944.

McKetta, John J., Jr., Professor of Chemical Engineering, University of Texas, Austin, Tex. 1957.

McKevitt, John, Assistant Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1957.

McKibben, Eugene G., Director of Agricultural Engineering Research, U. S. Dept. of Agriculture, Hyattsville, Md. 1952.

McKie, Will T., Jr., Instructor in Mechanical Engineering, Mississippi State University, State College, Miss. 1957.

McKillop, Allan A., Assistant Professor of Agricultural Engineering, University of California, Davis, Calif. 1954.

McKinney, James, Chairman, Board of Trustees, American Technical Society, Chicago, Ill. 1943.

McKinney, Ross E., Assistant Professor of Sanitary Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

McLarney, William J., Associate Professor of Engineering, San Jose State College, San Jose, Calif. 1953.

McLaughlin, Roland R., Dean of Faculty of Applied Science and Engineering and Head of Department of Chemical Engineering, University of Toronto, Toronto, Canada. 1954.

McLaughlin, Robert H. B., Associate Professor of Civil Engineering, University of New Brunswick, Fredericton, N. B., Canada. 1957.

McLaurin, Banks, Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1927.

McLean, Donald H., Associate Professor of Civil Engineering, University of Alabama, University, Ala. 1947.

McLean, Lee V., Professor of Electrical Engineering, Louisiana State University, Baton Rouge, La. 1948.

McLean, William G., Professor and Head, Dept. of T. & A. Mechanics, Lafayette College, Easton, Pa. 1939.

McLenegan, David W., Consulting Engineer, Hanford Atomic Products Operation, General Electric Company, Richland, Wash. 1946.

McLeod, Alexander H., Editor, College Department, The Macmillan Company, 60 Fifth Avenue, New York 11, N. Y. 1957.

McMahon, John F., Dean, University of New York College of Ceramics, Alfred, N. Y. 1956.

McMahon, Thurmul F., Assistant Professor of Civil Engineering, University of Kansas, Lawrence, Kans. (On Leave.) 1945.

McManus, John F., Assistant Dean of Engineering, Cornell University, Ithaca, N. Y. 1951.

McMaster, Robert C., Professor of Welding Engineering, Ohio State University, Columbus, Ohio. 1956.

McMaster, Robert K., Instructor in Engineering Drawing, University of Tennessee, Knoxville, Tenn. 1957.

McMillan, John H., Instructor in Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1958.

McMillen, Elliott L., Professor and Head, Dept. of Chemical Engineering, Lafayette College, Easton, Pa. 1938.

McMillin, Kenneth M., Associate Professor of Mathematics, Houghton College of Mining and Technology, Houghton, Mich. 1949.

McMinn, Bryant T., Professor and Head of Mechanical Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1956–.*) 1939.

McMullen, Charles W., Assistant Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1955.

McNabb, John W., Assistant Professor of Mechanics, Lafayette College, Easton, Pa. 1958.

McNair, Arthur J., Professor of Civil Engineering and Head, Dept. of Surveying, Cornell University, Ithaca, N. Y. (*Member of Council, 1954–56.*) 1935.

McNeal, Xzin, Associate Professor of Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1950.

McNeary, Matthew, Professor and Head of Engineering Graphics, University of Maine, Orono, Maine. 1937.

McNeeley, Francis J., Engineer (General) Supervisor, National Security Agency, Rockville, Md. 1956.

McNeese, Donald C., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1948.

McNichol, William J., Assistant Professor of Civil Engineering, Villanova University, Villanova, Pa. 1957.

McNown, John S., Dean of Engineering, University of Kansas, Lawrence, Kan. 1946.

McPherson, George, Associate Professor of Electrical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

McPherson, James I., Development Engineer, Jet Propulsion Laboratory of the California Institute of Technology, 4800 Oak Grove Drive, Pasadena 3, Calif. 1957.

McPherson, Murray B., 611 South Main Street, Coopersburg, Pa. 1950.

McRight, Ralph B., Mechanical Engineer, Colbert Steam Plant, Box 2000, Tuscumbia, Ala. 1948.

McVey, Albert V., Head, Department of Engineering Associates, Oregon Technical Institute, Klamath Falls, Ore. 1958.

McWilliams, Robert L., Engineer-in-Charge, Canadian Operations and Engineering Staff, General Motors Corp., Detroit, Mich. 1952.

Meade, Kenneth A., Director, Educational Relations Section, Department of Public Relations, General Motors Corporation, 3044 West Grand Blvd., Detroit 2, Mich. 1940.

Meade, Raymond D., Coordinator of Cooperative Education, Illinois Institute of Technology, Chicago, Ill. 1957.

Meador, Henry T., Assistant Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1956.

Mealy, Donald F., Nortronics, a Division of Northrop Aircraft Inc., Hawthorne, California. 1956.

Meaney, Thomas J., Villanova University, Villanova, Pa. 1958.

Means, R. E., Professor of Architecture and Civil Engineering, Oklahoma State University, Stillwater, Okla. 1947.

Mearls, Walter J., Assistant Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

Medford, Robert C., Instructor in Engineering Drawing, University of Detroit, Detroit, Mich. 1957.

Medford, W. E., Coordinator of College Relations, Western Electric Co., Inc., 195 Broadway, New York 7, N. Y. 1955.

Medlin, John W., 1107 Bolivar Street, Denton, Tex. 1943.

Meenaghan, George F., Associate Professor of Chemical Engineering, Clemson A. & M. College, Clemson, South Carolina. 1958.

Mees, Quentin M., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

Mees, Robert T., Assistant to the Vice President, Engineering and Research Administration, Caterpillar Tractor Company, Peoria, Ill. 1947.

Meese, Richard H., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1950.

Mehl, Robert F., Dean and Head, Dept. of Metallurgical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1947.

Meier, Edwin A., Assistant Professor of Mechanical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1958.

Meier, France A., Instructor in Industrial Engineering, Lamar State College of Technology, Beaumont, Tex. 1956.

Meier, Otto, Jr., Professor of Electrical Engineering, Duke University, Durham, N. C. 1943.

Meier, Paul T., District Representative, Adm. Dept., Purdue University, Hammond, Ind. 1951.

Meikle, G. Stanley, Director, Research Relations with Industry, Vice President, Purdue Research Foundation, Purdue University, Lafayette, Ind. 1947.

Meister, Robert, Assistant Professor of Electrical Engineering, Catholic University of America, Washington, D. C. 1958.

Meixner, Henry N., Deputy Director, Mechanical Development Laboratory, E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. 1952.

Melehy, Mahmoud A., Assistant Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1952.

Mellard, Robert E., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1955.

Mellinger, Robert L., Assistant Research Sociologist, Department of Engineering, University of California, Los Angeles 24, Calif. 1958.

Melloh, Arthur W., Professor of Electrical Engineering, University of New Mexico, Albuquerque, N. Mex. 1948.

Mellow, Ernest W., Section Manager, Phillips Petroleum Company, Phillips Research Center, Bartlesville, Okla. 1949.

Melman, Seymour, Associate Professor of Industrial Management, Columbia University, New York, N. Y. 1949.

Melton, James O., Assistant Professor of Mechanics, University of Oklahoma, Norman, Okla. 1949.

Melvin, Donald W., Instructor in Electrical Engineering, University of New Hampshire, Durham, N. H. 1958.

Melvin, Eugene A., 9620 Lorain Ave., Silver Spring, Md. 1950.

Melvin, Harold W., Dean of Students, Northeastern University, Boston, Mass. 1932.

Memory, Nichol H., Director of Admissions, Stevens Institute of Technology, Hoboken, N. J. 1936.

Menand, Howard, Jr., Assistant Dean and Lecturer in School of Engineering, Princeton University, Princeton, N. J. 1952.

Mendousse, Jean S., Associate Professor of Civil Engineering, The Catholic University of America, Washington, D. C. 1951.

Menger, Karl, Professor of Mathematics, Illinois Institute of Technology, Chicago, Ill. 1951.

Menig, John V., Assistant Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1954.

Menius, Arthur C., Head of Physics Department, North Carolina State College, Raleigh, N. C. 1955.

MENKE, EUGENE M., Resident Research Associate, International School of Nuclear Science and Engineering, Argonne National Laboratory, P. O. Box 299, Lemont, Ill. 1952.

MENKES, SHERWOOD B., Lecturer in Mechanical Engineering, City College of New York, New York, N. Y. 1953.

MENOHER, WADE L., Associate Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1943.

MENSENDICK, CARL I., Assistant to the Dean of Engineering, Michigan State University, East Lansing, Mich. 1957.

MENTZ, PHILIP S., Technical Services Engineer, Research and Development Department, Ethyl Corporation, Baton Rouge, La. 1955.

MENTZER, JOHN R., Professor of Engineering Science, Pennsylvania State University, University Park, Pa. 1957.

MENZ, PAUL G., Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1958.

MEOLA, ROBERT R., Assistant Professor Electrical Engineering, Newark College of Engineering, Newark, N. J. 1949.

MERCHANT, JOHN A., Registrar, Association of Professional Engineers of British Columbia, Vancouver, B. C., Canada. 1952.

MERCHANT, WILLIAM H., Coordinator, Cooperative Training Department, Redstone Arsenal, U. S. Army, Huntsville, Ala. 1956.

MERGEN, FRANCIS C., Head of Industrial Engineering, Bradley University, Peoria, Ill. 1950.

MERIAM, JAMES L., Professor of Engineering Mechanics, University of California, Berkeley, Calif. 1945.

MERRIAM, KENNETH G., Professor of Aeromechanics, Worcester Polytechnic Institute, Worcester, Mass. *Life member.* 1925.

MERRICK, CHARLES M., Professor and Head of Industrial Engineering, Lafayette College, Easton, Pa. 1929.

MERRILL, HAROLD S., JR., Assistant Instructor in Electrical Engineering, Marquette University, Milwaukee 3, Wis. 1958.

MERRILL, LYNN L., Dean of Faculty and Head of Mathematics, Stevens Institute of Technology, Hoboken, N. J. 1948.

MERRILL, ROBERT A., Place and Place Architects and Engineers, Tucson, Arizona. 1949.

MERRITT, CHARLES H., Associate Professor of Engineering, Arizona State College, Tempe, Ariz. 1958.

MERRITT, CLARENCE W., Associate Professor of Ceramic Engineering, Alfred University, Alfred, N. Y. 1937.

MERRITT, CROFT S., Industrial Engineer, The Bonney-Floyd Company, Columbus, Ohio. 1955.

MERRITT, JOSHUA L., JR., Research Associate in Civil Engineering, University of Illinois, Urbana, Ill. 1958.

MERRY, BENNETT E., JR., Instructor in Industrial Electricity, Wentworth Institute, Boston, Mass. 1957.

MERRYFIELD, FRED, Professor of Sanitary Engineering, Oregon State College, Corvallis, Ore. 1938.

MERWIN, JOHN E., Instructor in Civil Engineering, The Rice Institute, Houston 1, Tex. 1955.

MERZ, CHARLES J., JR., Instructor in Mechanical Engineering, Fairleigh Dickinson University, Rutherford, N. J. 1958.

MERZ, EVAN B., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1953.

MERZ, ROBERT C., Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1958.

MESERVE, GEORGE H., JR., Chairman and Professor of History and Art, Northeastern University, Boston, Mass. 1929.

MESERVE, WILBUR E., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

MESLER, RUSSELL B., Associate Professor of Chemical Engineering, University of Kansas, Lawrence, Kan. 1958.

MESSENHEIMER, A. E., Assistant Professor of Machine Design, Kansas State College, Manhattan, Kans. 1947.

MESSER, ROWLAND E., Associate Professor of General Engineering, University of Washington, Seattle 5, Wash. 1950.

MESSER, SIDNEY, Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1957.

MESSERSMITH, CHARLES W., Professor of Experimental Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

MESSINGER, H. CALVERT, Director Coordination and Placement, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1953–55.*) 1946.

MESSINIDES, HAROLD C., Instructor in Engineering Drawing, Wright Junior College, 1522 Carmen Avenue, Chicago 40, Ill. 1956.

METCALF, ABBIE H., Librarian, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1942.

METZ, DONALD C., Director of Technical Institute, University of Dayton, Dayton 9, Ohio. 1947.

METZENHEIM, HENRY H., Comptroller Emeritus, Newark College of Engineering, Newark, N. J. (Home address: 2805 47th Street South, Gulfport, Fla.) *Life Member.* 1926.

METZGER, IVAN, Instructor in Civil Engineering, Newark College of Engineering, Newark, N. J. 1958.

METZLER, DONALD E., 1133 Emery Road, Lawrence, Kan. 1950.

MEYER, CARL F., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1937.

MEYER, FLOYD H., Instructor in Engineering Graphics, State University of Iowa, Iowa City, Iowa. 1957.

MEYER, JOHN W., Instructor in Engineering Drawing, Chicago City Junior College, Wilson Branch, Chicago, Ill. 1958.

MEYERHOFF, HOWARD A., Executive Director, Scientific Manpower Commission, 1507 M Street, N. W., Washington 5, D. C. 1956.

MEYERS, EVERETT, E., Visiting Lecturer in Aeronautical Engineering, University of Colorado, Boulder, Colo. 1958.

MICHAEL, BERNARD, Chief Section of Scientific and Specialized Personnel, United States Department of Labor, Bureau of Labor Statistics, Washington D. C. 1958.

MICHAEL, BROTHER AQUINAS, Instructor in Electrical Engineering, Mantattan College, New York, N. Y. 1958.

MICHAEL, F. ROBERT, Bell Telephone Laboratories, Murray Hill, N. J. 1954.

MICHAEL, HAROLD L., Assistant Director, Joint Highway Research Project, Purdue University, West Lafayette, Ind. 1954.

MICHAELS, ALAN S., Associate Professor of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

MICHAELSON, JESSE L., Consultant, General Engineering Laboratory, General Electric Co., Schenectady, N. Y. 1948.

MICHALOS, JAMES, Professor and Chairman of Civil Engineering, New York University, New York, N. Y. 1945.

MICHALOWICZ, JOSEPH C., Associate Professor and Head of Electrical Engineering, The Catholic University of America, Washington, D. C. 1944.

MICHELS, WALTER J., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1950.

MICHELSON, IRVING, Head of Aeronautical Engineering, The Pennsylvania State University, University Park, Pa. 1957.

MICHENER, CHARLES T., Assistant Professor of Mechanical Engineering, Villanova University, Villanova, Pa. 1952.

Michener, W. H., Associate Professor of Physics, Allegheny College, Meadville, Pa. 1947.

Mickus, Felix, Mechanical Engineering Department, General Motors Institute, Flint, Mich. 1956.

Middendorf, Henry Q., Dean of Men, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1940.

Middendorf, William H., Associate Professor of Electrical Engineering, University of Cincinnati, Cincinnati, Ohio. 1955.

Middleton, George W., Assistant Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1953.

Midgette, E. L., Director of Engineering and Research, Intertype Corp., 360 Furman St., Brooklyn 1, N. Y. 1946.

Miessner, Horst, Abteilungsvorstand, Ing.-wiss. Abt., Leverkusen-Bayerwerk, Germany. 1957.

Mies van der Rohe, Ludwig, Director of Architecture, Illinois Institute of Technology, Chicago, Ill. 1954.

Mihalasky, John, Instructor in Management Engineering, Newark College of Engineering, Newark, N. J. 1956.

Mikhail, Saad L., Assistant Professor of Electrical Engineering, University of California, Berkeley, Calif. 1958.

Miklofsky, Haaren A., Associate Professor, Department of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

Miklowitz, Julius, Associate Professor of Applied Engineering Mechanics, California Institute of Technology, Pasadena, Calif. 1958.

Mikol, Edward P., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1958.

Mikolajczyk, Henry L., Associate Professor of Architecture, University of Illinois, Navy Pier, Chicago, Ill. 1953.

Milbank, Reginald V., Civil Engineering Department, University of Vermont, Burlington, Vt. 1957.

Milbradt, Kenneth P., Associate Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1948.

Miles, Aaron J., Chairman, Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1952.

Miles, Henry J., Supervising Civil Engineer, International Engineering Company, San Francisco 21, Calif. 1938.

Miles, Herbert L., Instructor in Electrical Engineering, Wayne State University, Detroit, Mich. 1958.

Miles, Marie A., Assistant Professor of English, Texas Technological College, Lubbock, Tex. 1949.

Miles, Robert D., Research Engineer and Assistant Professor of Highway Engineering, Joint Highway Research Project, Purdue University, West Lafayette, Ind. 1954.

Miles, Vaden W., Professor of Physics, Wayne State University, Detroit 2, Mich. 1953.

Milks, Donald E., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

Miller, Alfred L., Professor of Mechanics and Structures, University of Washington, Seattle, Wash. 1927.

Miller, Andrew L., Instructor in Electrical Engineering, Fenn College, Cleveland 15, Ohio. 1945.

Miller, Bruce J., Assistant Manager of Research Administration, Union Carbide Corporation, New York, N. Y. 1950.

Miller, Charles L., Assistant Professor of Surveying, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

Miller, Donald B., Manager of Administrative Services, Product Development Laboratory, International Business Machines, Poughkeepsie, N. Y. 1947.

Miller, Edward, Associate Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1948.

Miller, E. L., Jr., Associate Professor of Geological Engineering, North Carolina State College, Raleigh, N. C. 1946.

Miller, Edwin W., President, Technical Advisors, Inc., Municipal Court Building, Ann Arbor, Mich. 1947.

Miller, Forrest E., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1926.

Miller, Frederic H., Professor and Head, Dept. of Mathematics, Cooper Union, New York 3, N. Y. *(Member of Council, 1951–53.)* 1941.

Miller, Harry L., Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1948.

Miller, Howard M., Manager of Personnel Relations Section, Engineering Department, E. I. du Pont de Nemours and Company, Wilmington, Del. 1951.

Miller, J. Alfred, Supervisor of Technical Training, North Carolina Laboratory of Bell Telephone Laboratories, Incorporated, Winston-Salem, N. C. 1957.

Miller, Irvin A., Instructor in Physics, Drexel Institute of Technology, Philadelphia 44, Pa. 1957.

Miller, James P., Jr., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Miller, James T., Mechanical Engineer, Systems Engineering, Hughes Aircraft Company, Culver City, Calif. 1956.

Miller, Jeanne I., Editor, Technical Education News, McGraw-Hill Book Company, 330 West 42nd Street, New York 36, N. Y. 1951.

Miller, John B., Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1941.

Miller, John E., Assistant Professor of Electrical Engineering, United States Air Force Institute of Technology, Dayton, Ohio. 1956.

Miller, John L., Southern California Edison Company, Los Angeles, Calif. 1956.

Miller, Kenneth R., Administrative Assistant to the President, Southern Illinois University, Carbondale, Ill. 1957.

Miller, Marshall L., Personnel Representative, Engineering Department, E. I. du Pont de Nemours & Co., Wilmington, Del. 1949.

Miller, Owen W., 3707 Stanford Village, Stanford, Calif. 1956.

Miller, Percival F., Project Engineer, Construction Division, United States Air Force, Pentagon Building, Washington 25, D. C. 1944.

Miller, Ralph B., Professor of Aeronautical Engineering, Indiana Technical College, Fort Wayne, Ind. 1950.

Miller, Richard C., Professor of Agricultural Engineering, The Ohio State University, Columbus, Ohio. 1946.

Miller, Richard H., Associate Professor of Civil Engineering, Villanova University, Villanova, Pa. 1957.

Miller, Richard W., Instructor in Electrical Technology, State University of New York, Canton, N. Y. 1949.

Miller, Robert F., Research Engineer, Semiconductor Department, Delco Radio Division of General Motors Corporation, Part-time Instructor in Mathematics, Indiana University Extension Center, Kokomo, Ind. 1953.

Miller, Robert F., Instructor in Industrial Engineering, The Ohio State University, Columbus, Ohio. 1957.

Miller, Shelby A., Chairman, Department of Chemical Engineering, University of Rochester, Rochester 20, N. Y. 1945.

Miller, Walter H., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1944.

Miller, Wendell E., Professor and Associate Head of Electrical Engineering, University of Illinois, Urbana, Ill. 1953.

MILLER, WILLIAM J., **Professor and Head of Electrical Engineering, University of Alabama, University, Ala. 1923.**

MILLER, WILLIAM M., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1956.

MILLER, WILLIAM R., Assistant Professor of Mechanical Engineering, Case Institute of Technology, Cleveland, Ohio. 1957.

MILLER, WILLIAM T., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1950.

MILLETT, MERLIN L., JR., Associate Professor of Aeronautical Engineering, Iowa State College, Ames, Iowa. 1953.

MILLIGAN, CLEVE H., Head of Civil Engineering, Utah State University, Logan, Utah. 1958.

MILLIGAN, MANCIL W., Research Engineer, Boeing Airplane Company, Seattle, Wash. 1957.

MILLIGAN, WILLIAM E., Associate Professor of Metallurgy, Yale University, New Haven, Conn. 1933.

MILLMAN, JACOB, Professor of Electrical Engineering, Columbia University, New York, N. Y. 1942.

MILLOR, WILLIAM J., Professor of Classical Languages, John Carroll University, Cleveland, Ohio. 1949.

MILLS, BLAKE D., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1947.

MILLS, CHARLES G., Consultant, Engineering Faculty and Metal Removal Consultant, Spring Garden Institute, Philadelphia, Pa. 1954.

MILLS, ERNEST E., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1951.

MILLS, NORMAN D., Instructor in Electrical Engineering, Howard University, Washington, D. C. 1957.

MILLS, PETER J., Associate Professor of Physics, Director, Parmly Foundation for Auditory Research, Illinois Institute of Technology, Chicago 16, Ill. 1943.

MILLS, ROBERT W., Assistant Professor of Mechanical Engineering, Supervisor of Conferences and Institutes, Extension Division, University of Nebraska, Lincoln, Neb. 1945.

MILLS, ROSCOE E., Professor of Engineering Materials, Purdue University, Lafayette, Ind. 1952.

MILNER, WALKER W., Associate Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1958.

MIN, TONY C., Associate Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1957.

MINARD, GEORGE W., Professor of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1952.

MINER, H. READ, Owner, Air Conditioning Engineers, P. O. Box 616, Decatur, Ill. 1949.

MINFORD, WALDO E., Assistant Professor in Electrical Engineering, University of Nebraska, Lincoln, Neb. 1952.

MING, FREDERICK W., Professor of Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1918.

MINGINS, CHARLES R., Professor and Head of Physics and Mathematics, Director of Physics Research, Lowell Technological Institute, Lowell, Mass. 1945.

MINOR, BEN, Lecturer, Electrical Eng., City College of New York, New York, New York, 1955.

MINOR, OSCAR E., Assistant Professor of Engineering, University of Rochester, Rochester, N. Y. 1949.

MINTZER, OLIN W., Professor of Highway Engineering, Punjab Engineering College, Chandigarh, Punjab State, India. 1952.

MIRABELLI, EUGENE, Associate Professor of Structural Design, Massachusetts Institute of Technology, Cambridge, Mass. 1935.

MIRGAIN, FRANK C., **Dean, School of Engineering, North Dakota State College, Fargo, N. D. 1935.**

MIRSKY, ARON L., Assistant Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1951.

MISCHKE, CHARLES R., Head of Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1956.

MISER, WILSON L., Professor of Mathematics, Ohio Northern University, Ada, Ohio. 1958.

MISHTAL, THEODORE W., Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh 12, Pa. 1957.

MITCHELL, CHARLIE R., Instructor in Civil Engineering, West Virginia University, Morgantown, West Va. 1958.

MITCHELL, CLYDE E., Engineering Instructor and Counsellor, El Camino College, El Camino, Calif. 1958.

MITCHELL, DONOVAN R., Instructor in Engineering, Arlington State College, Arlington, Tex. 1958.

MITCHELL, LOUIS, Dean Emeritus, College of Applied Science, Syracuse University, Syracuse 10, N. Y. (Home address: 205 Berkeley Drive, Syracuse 10, N. Y.) (*Member of Council, 1938–41.*) *Life Member.* 1913.

MITCHELL, ROBERT I., Chairman of Industrial Engineering, University of Dayton, Dayton, Ohio. 1958.

MITCHELL, ROY D., Assistant Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1953.

MITCHELL, WARREN I., Assistant Professor of Civil Engineering, 4741 119 Avenue SE, Bellevue, Wash. 1947.

MITCHELL, WILLIAM G., Chief Design Engineer, Dominion Steel and Coal Corp. Limited, Canadian Bridge Division, Walkerville, Ontario, Canada. 1947.

MITCHELL, WILLIAM H., Room 1201, 432-4th Avenue, New York, N. Y. 1943.

MITTEN, LORING G., Professor of Industrial Engineering, Ohio State University, Columbus 10, Ohio. 1948.

MITTENDORFF, EDWARD M., **Director of Utilities, Lecturer in Mechanical Engineering, University of Virginia, Charlottesville, Va. 1944.**

MITTET, HOLGER P., **Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1946.**

MOBLEY, MILTON D., **Instructor in Engineering** Mechanics, Ohio State University, Columbus 1, Ohio. 1957.

MOCHEL, EDWARD V., **Assistant Professor of** Drawing, University of Virginia, Charlottesville, Va. 1953.

MOCHEL, MYRON G., Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1943.

MOCK, CLIFTON O., **Associate Professor of General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1929.**

MODREY, JOSEPH, **Professor & Chairman of Mechanical Engineering, Union College, Schenectady, N. Y. 1953.**

MOE, DENNIS L., **Professor and Head of Agricultural Engineering, South Dakota State College, Brookings, S. Dak. 1951.**

MOEHLMAN, JOHN H., Instructor in Engineering, El Camino College, El Camino, Calif. 1958.

MOELLER, ARTHUR C., Assistant Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1946.

MOEN, WALTER B., Assistant Director of Metal Research, Air Reduction Company, Inc., Murray Hill, N. J. 1941.

MOENCH, HERMAN A., Dean of Engineering and Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. (*Member of Council 1958–.*) 1934.

MOENKHAUS, ARTHUR E., Instructor in Engineering, Northwestern Michigan College, Traverse City, Mich. 1957.

MOESEL, F. CHARLES, Project Engineer, Division of Reactor Development, U. S. Atomic Energy Commission, Washington 25, D. C. 1948.

MOFFAT, GEORGE N., Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1925.

MOHN, JOHN W., Electrical Engineering Department, University of Massachusetts, Amherst, Mass. 1954.

MOHN, PAUL E., Dean, School of Engineering, and Head, Dept. of Mechanical Engineering, University of Buffalo, Buffalo 14, N. Y. 1938.

MOLBY, LOWELL H., Instructor, Central Technical Institute, Olathe, Kan. 1957.

MOHSEN, ADEL, Instructor in Electrical Engineering, Newark College of Engineering, Newark, N. J. 1957.

MOLINA, EDWARD C., Adjunct Professor in Mathematics, Newark College of Engineering, Newark, N. J. 1947.

MOLL, RICHARD E., Instructor in Civil Engineering, Graphics, Purdue University, Lafayette, Ind. 1958.

MOLSKI, J. MARK, BROTHER, Instructor in Technical Drawing, Christian Brothers College, Memphis 4, Tenn. 1957.

MOLSTAD, MELVIN C., Director and Professor, Department of Chemical Engineering, University of Pennsylvania, Towne Building, Philadelphia 4, Pa. 1937.

MOLTRECHT, KARL E. H., Assistant Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

MONACK, ALBERT JAMES, Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1953.

MONISMITH, CARL L., Assistant Professor of Civil Engineering, University of California, Berkeley, Calif. 1952.

MONKE, EDWIN J., Instructor in Agricultural Engineering, University of Illinois, Urbana, Ill. 1958.

MONRAD, CARL C., Professor and Head, Chemical Engineering, Department, Carnegie Institute of Technology, Pittsburgh, Pa. 1948.

MONSEES, MELFORD E., Chief, Program Development Branch, U. S. Corps of Engineers, Kansas City, Mo. 1955.

MONSON, DARREL J., Assistant Professor of Electrical Engineering Science, Brigham Young University, Provo, Utah. 1956.

MONSON, OLOF W., Professor and Head of Agricultural Engineering, Montana State College, Bozeman, Mont. 1957.

MONTEITH, ALEXANDER C., Vice President of Apparatus Products, Westinghouse Electric Corporation, Pittsburgh, Pa. 1945.

MONTEITH, WILLIAM C., Head of Architectural Engineering, Lain Technical Institute, Indianapolis, Ind. Coordinator for Evansville Division, Evansville, Ind. 1956.

MONTILLON, GEORGE H., Process Development Engineer, Union Carbide Nuclear Co., Oak Ridge, Tenn. 1925.

MONTZ, JOHN M., Associate Professor Emeritus of Civil Engineering, The Ohio State University, Columbus, Ohio. (Home: 300 Morganton Road, Southern Pines, N. C.) 1943.

MOODY, ARTHUR M. G., Chief Engineer, Centrifical Compressor, Trane Company, La Crosse, Wis. 1936.

MOODY, ROLAND H., Director of Libraries, Northeastern University, 360 Huntington Ave., Boston, Mass. 1953.

MOON, GEORGE D., Assistant Professor of Chemical Engineering & Metallurgical Engineering, University of Cincinnati, Cincinnati, Ohio. 1953.

MOONEY, COLUMBUS V., Associate Professor of Engineering, Texas College of A. & I., Kingsville, Texas. 1948.

MOORE, A. DONALD, Associate Professor of Electrical Engineering, University of British Columbia, Vancouver, British Columbia. 1954.

MOORE, ARTHUR D., Professor of Electrical Engineering, Head Mentor, University of Michigan, Ann Arbor, Mich. 1926.

MOORE, ARTHUR F., Instructor in Mechanical Engineering, Howard University, Washington, D. C. 1958.

MOORE, BILL C., Associate Professor of Mathematics, Texas A. & M. College, College Station, Texas. 1948.

MOORE, CHARLES E., Instructor in Industrial Engineering, Lafayette College, Easton, Pa. 1958.

MOORE, CHESTER ARTHUR, Professor and Head, Civil Engineering Dept., University of Idaho, Moscow, Idaho. 1953.

MOORE, EARL R., Instructor in Mechanical Engineering, University of Connecticut, Storrs, Conn. *Life Member.* 1930.

MOORE, EMMETT B., Professor and Head, Dept. of Civil Engineering, State College of Washington, Pullman, Wash. 1936.

MOORE, FRANK B., Assistant Professor of Engineering, Pennsylvania State University, University Park, Pa. 1955.

MOORE, GEORGE E., Manager Graduate Student Training, Westinghouse Electric Corporation, Ardmore Blvd. & Brinton Road, Wilkinsburg, Pa. 1952.

MOORE, HARRY D., Professor of Industrial Engineering, Ohio State University, Columbus, Ohio. 1947.

MOORE, HASTINGS, Instructor in Applied Mathematics, University of Colorado, Boulder, Colo. 1958.

MOORE, HOLLISTER, Staff Representative, Student Activities, Society of Automotive Engineers, Inc., 351 Morris Ave., Mountain Lakes, N. J. 1944.

MOORE, JAMES M., Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1955.

MOORE, JOSEPH H., Associate Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1948.

MOORE, KENNETH H., Professor of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1944.

MOORE, LEO B., Associate Professor of Industrial Management, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

MOORE, LLOYD S., JR., Instructor in Civil Engineering, The Citadel, Charleston, S. C. 1957.

MOORE, MARK B., Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1938.

MOORE, RICHARD K., Professor and Chairman of Electrical Engineering, University of New Mexico, Albuquerque, N. Mex. 1956.

MOORE, ROBERT F., Vice President, Richardson, Bellows, Henry & Co., 1 West 57th St., New York 19, N. Y. 1944.

MOORE, ROBERT J., Director of Adult Education, Utica College of Syracuse University, Utica, N. Y. 1949.

MOORE, WALTER L., Professor of Civil Engineering, University of Texas, Austin, Tex. 1947.

MOORE, WILLIAM H., SR., Instructor in Mechanical Engineering, Long Island Agricultural and Technical Institute, Farmingdale, N. Y. 1957.

MOORMAN, ROBERT B. B., Professor and Head of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

MOORMAN, ROBERT W., Professor and Acting Head of Engineering Mechanics, Clemson College, Clemson, S. C. 1953.

MOOSE, PERRY E., Associate Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1937.

MORALES, MACEDO G., Professor of Mining Engineering, National Engineering University, 205 Tupac Amaro, San Isidor, Lima, Peru. 1940.

MORAN, JOSEPH F., Staff Supervisor, Plant Training Coordination, Industrial Relations-Training Division, United States Steel Corporation, 525 William Penn Place, Pittsburgh 30, Pa. 1956.

MORECOCK, EARLE M., Chairman, Division of Applied Science, Rochester Institute of Technology, Rochester, N. Y. 1952.

MOREHOUSE, J. STANLEY, Dean of Engineering, Villanova University, Villanova, Pa. 1935.

MORELOCK, MOLETE J., Associate Librarian, Parke Davis Company, Detroit, Mich. 1950.

MOREY, CHARLES H., Assistant Director of Admissions, Chicago Technical College, 2000 S. Michigan Avenue, Chicago 16, Ill. 1958.

MOREY, CHARLES W., President, Chicago Technical College, 2000 So. Michigan Ave., Chicago, Ill. 1925.

MOREY, LESLIE G., Vice-President, Chicago Technical College, 2000 South Michigan Avenue, Chicago 16, Ill. 1947.

MORFORD, VILAS J., Professor of Agricultural Engineering, Iowa State College, Ames, Iowa. 1953.

MORGAN, ADRIAN J., Assistant Professor of Electrical Engineering, University of Dayton, Dayton, Ohio. 1957.

MORGAN, BERNARD S., JR., Graduate Assistant in Aeronautical Engineering, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1958.

MORGAN, CARL W., Assistant Professor of Civil Engineering, University of Texas, Austin, Texas. 1948.

MORGAN, CHARLES, Professor of Engineering, San Diego State College, San Diego, Calif. 1949.

MORGAN, DAVID W. R., Professor of Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1952.

MORGAN, JACK W., Associate Professor and Assistant to the Dean of Engineering, University of Missouri, Columbia, Mo. 1957.

MORGAN, JESSE, P., Associate Professor of Mechanical Engineering, Assistant to the Dean, New Mexico College of Agriculture and Mechanics, State College, N. M. 1950.

MORGAN, JOHN C., Associate Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1940.

MORGAN, JOHN P., Associate Professor of Mining Engineering, University of Adelaide, Adelaide, South Australia. 1957.

MORGAN, MILLETT G., Director of Research, Professor of Electrical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1941.

MORGAN, NEWLIN D., JR., Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1953.

MORGAN, PHILIP F., Professor of Sanitary Engineering, State University of Iowa, Iowa City, Iowa. 1949.

MORGAN, RAYMOND A., Professor and Head of General Engineering, University of Wyoming, Laramie, Wyo. 1954.

MORGAN, THEODORE H., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. (*Member of Council, 1935–38, 1951–53.*) 1927.

MORGAN, WILLIAM W., Assistant Professor of Industrial Management, Alabama Polytechnic Institute, Auburn, Ala. 1957.

MORGANA, EMIL J., Assistant Professor of Technical Institute, University of Dayton, Dayton 9, Ohio. 1954.

MORGEN, RALPH A., Director, Purdue Research Foundation, Lafayette, Ind. (*Vice President, 1957–59.*) 1938.

MORIARTY, JOHN H., Director of Libraries and Audio-Visual Center, Purdue University, Lafayette, Ind. 1951.

MORIER, HENRI, Chief, Semiconductors, Dpt., Observatoire, 44, Neuchâtel, Switzerland. 1948.

MORITA, KATUHIKO, Assistant Professor of Mathematics and Physics, Kanazawa University, Ishikawa, Japan. 1955.

MORITZ, HAROLD K., Professor of Hydraulics, Civil Engineering Dept., University of Washington, Seattle, Wash. 1950.

MORLEY, RAYMOND K., Professor Emeritus of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. (Home address: 1419 Laguna Street, Santa Barbara, Calif. *Life Member.* 1922.

MORRAL, F. ROLF, Division Consultant in Metallurgical Engineering, Battelle Memorial Institute, Columbus, Ohio. 1949.

MORRILL, BERNARD, Associate Professor of Mechanical Engineering, Swarthmore College, Swarthmore, Pa. 1947.

MORRIS, CHARLES, Instructor of Engineering Mechanics, New York University, Bronx, New York, N. Y. 1955.

MORRIS, CHARLES D., Employment Manager, Personnel Department, Continental Motors Corporation, Detroit, Mich. 1958.

MORRIS, CLYDE T., Professor Emeritus of Civil Engineering, The Ohio State University, Columbus, Ohio. 1907.

MORRIS, EDWARD P., Assistant Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1956.

MORRIS, EDWIN W., Manager, Engineering and Service Div., Westinghouse Electric Corp., Los Angeles, Calif. 1949.

MORRIS, FRANKLIN C., Professor and Chairman of Engineering Drawing, University of Oklahoma, Norman, Okla. 1950.

MORRIS, HENRY M., Professor and Head of Civil Engineering, Virginia Polytechnic Institute, P. O. Box 37, Blacksburg, Va. 1942.

MORRIS, LLOYD P., Chief, National Consulting Service, C. & E. Division, Motorola, Inc., 4545 Augusta Blvd., Chicago 1, Ill. 1945.

MORRIS, RICHARD E., Instructor in Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1954.

MORRIS, SAMUEL B., Consulting Engineer, Dept. of Water and Power, Los Angeles, Calif. 1935.

MORRIS, SINSEL, Assistant Professor of Mathematics, Pennsylvania State University, University Park, Pa. 1956.

MORRIS, THOMAS M., Professor of Metallurgy, Missouri School of Mines, Rolla, Mo. 1953.

MORRIS, WILLIAM T., Associate Professor of Industrial Engineering, Ohio State University, Columbus 10, Ohio. 1954.

MORRISEY, JOHN A., Supervisory Instructor and Director of Evening School, Capitol Radio Engineering Institute, Inc., Washington, D. C. 1958.

MORRISON, CARSON F., Professor and Head of Civil Engineering, University of Toronto, Toronto, Ont., Canada. 1953.

MORRISON, JAMES B., Associate Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1948.

MORROW, DAVID C., Professor of Mathematics, Wayne State University, Detroit, Mich. 1953.

MORROW, ELMAN A., Professor of Mathematics, William Jewell College, Liberty, Mo. 1950.

MORROW, HAROLD W., Assistant Professor of Civil Engineering, Stevens Institute of Technology, Hoboken, N. J. 1949.

MORSE, FREDERICK B., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1952.

MORSE, FRED. T., Chairman of Mechanical Engineering, University of Virginia, Box 3426, University, Va. 1946.

MORSE, REED F., Professor and Head, Department of Civil Engineering, Kansas State College, Manhattan, Kans. 1929.

MORSE, ROBERT K., Assistant Professor of Civil Engineering, Bradley University, Peoria, Ill. 1958.

MORTIMER, KENNETH, Associate Professor of Mechanical Engineering, Valparaiso University, Valparaiso, Ind. 1955.

MORTON, GORDON F., Assistant Professor of Engineering Science, Ontario Agricultural College, Guelph, Ontario, Canada. 1957.

MORTON, RICHARD F., Associate Professor of Physics, Worcester Polytechnic Institute, Worcester, Mass. 1954.

MORUZZI, ROMEO L., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1955.

MOSBERG, WILLIAM, Assistant Professor of Mechanical Engineering, The University of New Hampshire, Durham, N. H. 1958.

MOSBORG, ROBERT J., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1957.

MOSELEY, SHERRARD T., Associate Professor of Electrical Engineering, University of South Carolina, Columbia, S. C. 1957.

MOSER, DEXTER H., Head, Engineering Dept., North Idaho Junior College, Coeur d'Alene, Idaho. 1952.

MOSER, KENNETH J., Associate Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1939.

MOSES, ROBERT G., Chairman, Engineering and Technology, Pasadena City College, Pasadena, Calif. 1946.

MOSHER, DON R., Assistant Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1956.

MOSHER, RAYMOND F., Professor, Electrical Engineering, University of Michigan, Ann Arbor, Michigan. 1950.

MOSILLO, FRANCIS A., Instructor in General Engineering, University of Illinois, Chicago, Ill. 1955.

MOSKVITINOFF, IVAN V., Lecturer in Civil Engineering, City College of New York, New York 31, N. Y. 1953.

MOSS, CARL R., Assistant Professor, Industrial Engineering, Pennsylvania State University, University Park, Pa. 1949.

MOSS, HARLAND R., Associate Professor of Engineering, Loyola University of Los Angeles, Los Angeles, Calif. 1955.

MOULTON, JOHN B., Personnel Supervisor, Engineering Dept., E. I. du Pont de Nemours & Company, Wilmington, Del. 1952.

MOULTON, RALPH W., Professor and Executive Officer, Chemical Engineering, University of Washington, Seattle, Wash. 1944.

MOULTROP, KENDALL, Associate Professor of Civil Engineering, University of Rhode Island, Kingston, R. I. 1952.

MOUNT, ROBERT H., Instructor in Physics, Michigan College of Mining and Technology, Houghton, Mich. 1956.

MOY, WILLIAM A., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison 5, Wis. 1958.

MOYER, DONALD H., Director, Student Personnel, College of Engineering, Cornell University, Ithaca, N. Y. 1953.

MOYER, RALPH A., Professor of Civil Engineering, Research Engineer, Chairman of Transportation Engineering Division, University of California, Berkeley, Calif. 1929.

MUCKENHIRN, O. WILLIAM, Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

MUDGE, WILLIAM A., Special Representative on Education Programs, The International Nickel Company, Incorporated and The International Nickel Company of Canada Limited, New York, N. Y. 1946.

MUDGETT, ALBERT G., Instructor in Drafting, Ithaca Jr. College, Coleraine, Minn. 1948.

MUEHLHAUSEN, WILLIAM A., Assistant Professor of Mechanical Engineering, North Dakota Agricultural College, Fargo, N. Dak. 1958.

MUELLER, EDWARD E., Associate Professor of Ceramic Engineering, University of Washington, Seattle, Wash. 1958.

MUELLER, GEORGE V., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1926.

MUELLER, JAMES I., Professor of Ceramic Engineering, University of Washington, Seattle, Wash. 1949.

MUELLER, RONALD A. H., Dean, School of Humanities and Social Sciences, Rensselaer Polytechnic Institute, Troy, New York. 1952.

MUELLER, WHEELER K., Assistant Professor of Mechanical Engineering, New York University New York, N. Y. 1955.

MUGA, BRUCE J., Instructor in Civil Engineering, Montana State College, Bozeman, Mont. 1958.

MUHLBAUER, KARLHEINZ C., Assistant Professor of Mechanics, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

MUHLENBRUCH, CARL W., President, Educational and Technical Consultants, Inc., First National Bank Building, Evanston, Ill. 1943.

MUHLHAUSEN, EDGAR K., Assistant Professor of Civil Engineering, Robert College, Istanbul, Turkey. 1950.

MUIR, CLIFFORD D., Assistant Professor of Civil Engineering, Missouri School of Mines, Rolla, Mo. 1953.

MULLEE, WILLIAM R., Professor of Industrial Engineering, New York University, New York, N. Y. 1946.

MULLEN, CRONAN, REV. O. F. M., Treasurer, Holy Name College, 14 and Shepherd Streets, N. E., Washington 17, D. C. 1943.

MULLENS, GLENN B., Professor of Civil and Architectural Engineering, University of Wyoming, Laramie, Wyo. 1952.

MULLIGAN, JAMES H., JR., Professor and Chairman of Electrical Engineering, New York University, New York 53, N. Y. 1952.

MULLIKIN, HARWOOD F., Head of Mechanical Engineering, Montana State College, Bozeman, Mont. 1957.

MULLIN, GEORGE E., JR., Manager of Recruiting, Apparatus Sales Division, General Electric Co., Schenectady, N. Y. 1954.

MULLINS, B. F. K., Professor of Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1938.

MUMFORD, CAREY G., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1937.

MUMMERT, HAROLD B., Associate Professor of Mechanical Engineering, Colorado State University, Fort Collins, Colo. 1944.

MUNDEL, MARVIN E., Professor of Management, Marquette University, Milwaukee, Wis. 1941.

MUNGER, ELMER L., Professor and Head of Civil Engineering, Norwich University, Northfield, Vt. 1950.

MUNGER, HAMNETT P., Head of Metallurgical Division, Research Center, Republic Steel Corp., Cleveland, 31, Ohio. 1955.

MUNGER, HAROLD H., Associate Professor of Applied Mechanics, Kansas State College, Manhattan, Kan. 1945.

MUNI, HARRY W., Assistant to Vice President, Magor Car Corporation, Clifton, N. J. 1949.

MUNN, HARVEY T., Instructor in Mechanical Engineering, University of Arizona, Tucson, Ariz. 1958.

MUNRO, GEORGE W., Professor of Thermodynamics, Retired, Purdue University, Lafayette, Ind. *Life member.* 1915.

MUNZER, JOHN E., Senior Assistant in Sanitary Engineering, Water Supply and Water Pollution Control, United States Public Health Service, Chamblee, Ga. 1953.

MURDAUGH, ALBERT C., Assistant Professor of Mechanical Engineering, George Washington University, Washington, D. C. 1958.

MURDOCK, JOHN W., Instructor in Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1955.

MURDOUGH, JAMES H., Professor and Head, Dept. of Civil Engineering, Texas Technological College, Lubbock, Texas. 1926.

MURPHY, ALBERT J., JR., 401 Liberty Avenue, 3 Gateway Center, Pittsburgh 22, Pa. 1953.

MURPHY, ARTHUR, Coordinator of College Relations and Recruiting, Crucible Steel Co. of America, Pittsburgh, Pa. 1957.

MURPHY, ARTHUR T., Assistant Professor of Electrical Engineering, University of Wichita, Wichita, Kan. 1954.

MURPHY, CLINTON E., Instructor in Engineering, Texas College of Arts and Industries, Kingsville, Tex. 1956.

MURPHY, EUGENE F., Chief, Research and Development Division, Prosthetic and Sensory Aids Service, Veterans Administration, 252 Seventh Ave., New York 1, N. Y. 1939.

MURPHY, FRANCIS H., Associate Professor of Engineering, University of Portland, 4213 N.E. 32nd Ave., Portland 11, Ore. 1954.

MURPHY, FRED, Editor, Addison Wesley Publishing Company, Inc., North Abington, Mass. 1958.

MURPHY, GLENN, Professor and Head of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. (*Member of Council, 1946–47, 1953–55; Vice President, 1957–59), Sixth Recipient, George Westinghouse Award, 1951.*) 1929.

MURPHY, GORDON J., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1950.

MURPHY, GORDON J., Associate Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1950.

MURPHY, GRETA W., Director of Public Relations and Development, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

MURPHY, JOHN H., Professor, Law Dept., Milwaukee School of Engineering, Milwaukee, Wis. 1947.

MURPHY, JOHN W., Student in Industrial Engineering, University of Michigan, Ann Arbor, Mich. 1958.

MURPHY, KARL M., Assistant Professor of English, Georgia Institute of Technology, Atlanta, Ga. 1956.

MURPHY, LINDON J., Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1930.

MURPHY, NELSON F., Research Professor of Chemical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1941.

MURPHY, RAYMOND W., Instructor in Mechanical Engineering, Gonzaga University, Spokane, Wash. 1957.

MURPHY, RICHARD S., Instructor in Civil Engineering, Southern Methodist University, Dallas, Tex. 1957.

MURPHY, THEODORE C., Director, Engineering Management Division, U. S. Naval School, Monterey, Calif. 1958.

MURPHY, THOMAS E., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1947.

MURPHY, WILLIAM G., Associate Professor and Director of Engineering Mechanics, Marquette University, Milwaukee 3, Wis. 1947.

MURPHY, WILLIAM J., Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1957.

MURRAY, DONALD S., Administrative Director of Project Research and Grants, University of Pennsylvania, Philadelphia, Pa. 1957.

MURRAY, RAYMOND L., Professor of Physics, Acting Director of Nuclear Reactor, North Carolina State College, Raleigh, N. C. 1954.

MURRAY, ROBERT I., Assistant Professor of Mechanics, University of Santa Clara, Santa Clara, Calif. 1957.

MURRAY, ROY H., Associate Professor of Aeronautical Engineering, University of Cincinnati, Cincinnati, Ohio. 1957.

MURRAY, WILLIAM A., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1935.

MURRAY, WILLIAM M., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1947.

MUVDI, RICHARD B., Assistant Professor of Engineering Mechanics, Michigan College of Mining and Technology, Houghton, Mich. 1958.

MYATT, DONALD J., Associate Professor of Engineering, Antioch College, Yellow Springs, Ohio. 1952.

MYERS, EARL A., Assistant Professor of Agricultural Engineering, Pennsylvania State University, University Park, Pa. 1953.

MYERS, FRANK E., Head of Physics, Dean of Graduate School, Lehigh University, Bethlehem, Pa. (On leave of absence: L. D. O. Box 299, Argonne National Laboratory, Lemont, Ill.) 1938.

MYERS, HENRY S., Associate Professor of Chemical Engineering, City College of New York, New York 31, N. Y. 1950.

MYERS, HERBERT L., Assistant Professor of Electrical Engineering and Mathematics, U. S. Naval Postgraduate School, Monterey, Calif. 1952.

MYERS, HOWARD D., Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922.

MYERS, JOHN C., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1948.

MYERS, PHILLIP S., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1950.

MYKKANEN, DONALD L., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1956.

MYLROIE, WILLA W., Associate Highway Engr., Planning Division Washington State Department of Highways, Olympia, Wash. 1957.

MYSINGER, EDWARD D., Instructor in Civil Engineering, University of Tennessee, Knoxville, Tenn. 1956.

NABERS, TRACY B., Director, Drafting and Design Training, Chrysler Institute of Engineering, 18531 Edinborough, Detroit 19, Mich. 1954.

NACE, HENRY W., Professor and Chairman of Mathematics, Lawrence Institute of Technology, Detroit 19, Mich. 1948.

NADLER, GERALD, Head and Professor of Industrial Engineering, Washington University, St. Louis 5, Mo. 1948.

NAETER, ALBRECHT, Professor and Head of Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1924.

NAGHDI, PAUL M., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1957.

NAIL, PAUL L., Instructor in Radio Theory Dept., Central Radio & Television Schools, Kansas City, Mo. 1952.

NAISMITH, DONALD P., Instructor in Mechanical Engineering, University of North Dakota, Grand Forks, N. D. 1953.

NAMYET, SAUL, Assistant Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

NANIA, ANTHONY J., Instructor in English, Marquette University, Milwaukee, Wis. 1957.

NAPIER, JAMES J., Assistant Professor of English, Newark College of Engineering, Newark, N. J. 1957.

NAPP, FREDERICK P., Administrative Assistant to Director, Oak Ridge School of Reactor Technology, Oak Ridge, Tenn. 1956.

NARA, HARRY R., Head, Civil Engineering and Engineering Mechanics, Case Institute of Technology, Cleveland, Ohio. 1957.

NASH, C. A., Home: 4715 N. Spalding Ave., Chicago, Illinois. *Life Member.* 1913.

NASH, CHARLES D., JR., Instructor of Mechanical Engineering, Ohio State University, Columbus, O. 1956.

NASH, WILLIAM A., Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1954.

NATTRESS, JOHN A., Assistant Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1957.

NAU, ROBERT H., Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1952.

NEAD, DENNIS M., Associate Professor of Mathematics, University of Alabama, Huntsville, Ala. 1949.

NEAL, HENRY P., Professor and Head of Engineering Drawing, School of Engineering, Mississippi State University, State College, Miss. 1941.

NEAL, JAMES P., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1950.

NEAL, JOHN W., JR., Coordinator, Industrial Coordinator Department, Drexel Institute of Technology, Philadelphia, Pa. 1953.

NEALE, LAWRENCE C., Assistant Professor of Mechanical Engineering, Alden Hydraulic Laboratory, Worcester Polytechnic Institute, Worcester, Mass. 1953.

NEDDERMAN, WENDELL H., Professor of Civil Engineering, Agricultural and Mechanical College of Texas, College Station, Tex. 1952.

NEECE, LOUIS T., Director of Communications Engineering, Keegan Technical Institute, Memphis, Tenn. 1957.

NEEDY, JOHN A., Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1919.

NEFF, RICHMOND C., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1954.

NEFF, THOMAS O., Associate Professor of Engineering Mechanics, University of Florida, Gainesville, Fla. 1948.

NEIDENGARD, CARL A., Associate Professor of Engineering, Long Beach State College, Long Beach 4, Calif. 1957.

NEILLY, VIRGIL E., Associate Professor of Engineering Extension, The Pennsylvania State University, University Park, Pa. 1949.

NELSON, ALFRED L., Professor and Chairman of Mathematics, Wayne State University, Detroit, Mich. 1939.

NELSON, C. WESLEY, Assistant Dean of Instruction, Wentworth Institute, Boston, Mass. 1956.

NELSON, CARL W., Associate Professor of Mechanics and Design, University of California, Berkeley, Calif. 1946.

NELSON, DELMAR W., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1929.

NELSON, GEORGE A., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1958.

NELSON, GEORGE R., Assistant Professor of Engineering, Pennsylvania State University, Highacres, Hazleton, Pa. 1955.

NELSON, GORDON L., Professor of Agricultural Engineering, Oklahoma State University, Stillwater, Okla. 1957.

NELSON, HANS P., Instructor in Engineering Drawing, Wayne State University, Detroit, Mich. 1955.

NELSON, HOWARD C., Instructor in Engineering Drawing, University of Illinois, Urbana, Ill. 1949.

NELSON, LEONARD C., Director of Engineering, West Virginia Institute of Technology, Montgomery, W. Va. 1956.

NELSON, PAUL H., Professor of Electrical Engineering, Indian Institute of Technology, Kharagpur, West Bengal, India. 1942.

NELSON, RALPH D., Associate Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1948.

NELSON, ROGER H., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1955.

NELSON, ROGER R., Assistant Professor of Mining and Metallurgy, University of Wisconsin, Madison 5, Wis. 1958.

NELSON, WALTER K., Associate Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1946.

NELSON, WILBUR C., Professor and Chairman of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

NEMEC, ANTHONY O., Assistant Professor of Engineering, Memorial University of Newfoundland, St. John's, Newfoundland, Canada. 1958.

NEMECEK, IVAN V., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1951

NERDEN, JOSEPH T., Chief, Bureau of Technical Institutes, Connecticut State Department of Education, 302 State Office Building, Hartford, Conn. 1956.

NESBITT, JOHN B., Assistant Professor of Civil Engineering, The Pennsylvania State University, University Park, Pa. 1954.

NETELAND, CHRISTIAN L., Electrical Designer, Utility Commonwealth Edison Company, 72 West Adams Street, Chicago, Ill. 1947.

NETTER, MILTON A., JR., Associate Professor and Chairman of Industrial Engineering, University of Toledo, Toledo, Ohio. 1952.

NEU, S. SIDNEY, Associate Professor of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

NEUBAUER, RICHARD A., Professor in Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1949.

NEUFFER, FRANK R., Dean of Evening College, University of Cincinnati, Cincinnati, Ohio. 1946.

NEVALDINE, PETER, Chairman of Industrial Department, New York Agricultural and Technical Institute, Canton, N. Y. 1949.

NEVILLE, HARVEY A., Vice President and Provost, Lehigh University, Bethlehem, Pa. 1943.

NEVIN, FREDERICK E., Senior Engineer, Engineering Department, Sinclair Refining Company, Hartford, Ill. 1949.

NEVINS, RALPH G., Professor and Head of Mechanical Engineering, Kansas State College, Manhattan, Kan. 1948.

NEWCOMB, BRADLEY L., Assistant Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1955.

NEWELL, HOBART H., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925.

NEWELL, RICHARD F., Instructor in Mathematics, Erie County Technical Institute, Buffalo, N. Y. 1954.

NEWELL, ROBERT H., Assistant Professor of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1958.

NEWELL, ROBERT L., Professor of Mechanical Engineering and Assistant Dean of Engineering, Texas Technological College, Lubbock, Tex. 1957.

NEWHOUSE, KEITH N., Associate Professor of Mechanical Engineering and Power Plant Engineering, University of Nebraska, Lincoln 8, Nebr. 1949.

NEWLIN, CHARLES W., Civil Engineering, Swarthmore College, Swarthmore, Pa. 1949.

NEWLIN, PHILIP B., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

NEWMAN, MARCEL K., Professor and Head of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1937.

NEWMARK, NATHAN M., Professor and Head of Civil Engineering, University of Illinois, Urbana, Ill. 1952.

NEWSOM, C. V., President, New York University, Washington Square, New York 3, N. Y. 1943.

NEWTON, ALFRED F., Instructor in Industrial Engineering, Clemson A. & M. College, Clemson, S. C. 1957.

NEWTON, C. ALBRO, Associate Professor of Drawing, University of Tennessee, Knoxville, Tenn. 1949.

NEWTON, DUDLEY, Professor and Head of Civil Engineering, Wayne State University, Detroit, Mich. 1938.

NEWTON, GEORGE C., JR., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

NEWTON, JOHN P., Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1953.

NEWTON, ROBERT E., Professor and Chairman of Mechanical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

NEWTON, ROBERT K., Supervisor, Engineering Extension, University of Illinois, Urbana, Ill. 906 W. Green St., Urbana, Ill. 1949.

NICHOLAS, CHARLES P., Colonel, Professor of Mathematics, U. S. Military Academy, West Point, N. Y. 1950.

NICHOLLS, GEORGE C., Instructor in Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1956.

NICHOLS, BENJAMIN, Associate Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1954.

NICHOLS, CLYDE R., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1936.

NICHOLS, JAMES O., Instructor in Aeronautical Engineering, University of Alabama, University, Ala. 1958.

NICHOLS, KENNETH V., Senior Research Engineer, North American Aviation, Downey, Calif. 1951.

NICHOLS, LEE L., JR., Associate Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1952.

NICKELSON, ROBERT L., Assistant Professor of Chemical Engineering, Montana State College, Bozeman, Mont. 1958.

NICKOL, JOHN P., Professor of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

NIEBEL, BENJAMIN W., Head and Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1950.

NIEDNAGEL, ROLAND E., Instructor-Field Registrar, Lain Technical Institute, Evansville, Ind. 1957.

NIELSEN, HERLUF P., Professor of Engineering, Long Beach State College, Long Beach 4, Calif. 1955.

NIELSEN, JOHN P., Associate Professor of Metal Science and Chemical Engineering, New York University, New York, N. Y. 1949

NIELSEN, PAUL E., Professor of Physics & Applied Mechanics, Newark College of Engineering, Newark, N. J. 1943.

NIELSON, HAROLD, Chairman of Mechanical Engineering, University of Dayton, Dayton, Ohio. 1951.

NIEMI, EDWIN W., Associate Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1946.

NIESSE, DONALD H., Assistant Professor of Mechanical Engineering, Ohio University, Athens, Ohio. 1955.

NILES, ALFRED S., Professor of Aeronautical Engineering, Stanford University, Stanford University, Calif. 1940.

NILSSON, JAMES W., Assistant Professor in Electrical Engineering, Iowa State College, Ames, Iowa. 1950.

NIPPE, LEONARD O., Boulder, Colo. 1955.

NISBETT, STUART L., Industrial Engineering, General Motors Institute, Flint, Mich. 1954.

NOBLE, WILEY B., Vice President in Engineering, Reed Roller Bit Company, Houston, Tex. 1957.

NOEL, ROBERT L., Head of Engineering, Emmanuel Missionary College, Berrien Springs, Mich. 1957.

NOEL, SIDNEY Q., President, Universal Television System, Inc., Kansas City, Mo. 1956.

NOGGLE, LUKE H., JR., Professional Employment in Education, Westinghouse Electric Corporation, Pittsburgh, Pa. 1956.

NOGUERA, JORGE M., Assistant Professor in General Engineering, College of Agriculture and Mechanic Arts, Mayaguez, Puerto Rico. 1958.

NOLAN, WILLIAM M., Recruitment Manager, Personnel and Industrial Relations, American Viscose Corporation, 1617 Penn Blvd., Philadelphia 3, Pa. 1956.

NOLAND, JAMES H., JR., Associate Professor and Chairman, Dept. of Electrical Engineering, University of South Carolina, Columbia, S. C. 1950.

NOLSTAD, ARNOLD R., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1947.

NOLTE, ROGER E., Professor of Electrical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1951.

NORDBY, GENE M., Head of Civil Engineering, University of Arizona, Tucson, Arizona. 1951.

NORDQUIST, CARL G., Assistant Professor of Economics, Colorado School of Mines, Golden, Colo. 1955.

NORDQUIST, WILLIAM B., Associate Professor of Mechanical Engineering, University of Washington, Seattle 5, Wash. 1948.

NORDSTROM, JOSEPH A., Associate Professor of Industrial Engineering, Northeastern University, Boston, Mass. 1958.

NOREEN, ALFRED E., Supervisor, Aerothermochemistry Unit, General Electric Company, Cincinnati, Ohio. 1956.

NOREM, BERT H., Professor and Chairman of Industrial Engineering, Syracuse University, Syracuse, N. Y. (*Member of Council, 1956–.*) 1948.

NORGORD, JOHN T., Assistant Professor of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1949.

NORMAN, CARL A., Professor Emeritus of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. (Home: 221 28th Ave. N., St. Petersburg, Fla.) *Life Member.* 1918.

NORMAN, KEITH E., Instructor, New York Graduate Engineering Training Center, Western Electric Company, 10 Columbus Circle, 19th Floor, New York 19, N. Y. 1957.

NORRIS, DOUGLAS M., JR., Instructor in Engineering, Jackson Junior College, Jackson, Mich. 1957.

NORRIS, EARLE B., Dean Emeritus, School of Engineering and Architecture, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1924–27; Vice President, 1946–47.*) *Life Member.* 1907.

NORRIS, FERRIS W., Professor and Chairman, Dept. of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1925.

NORRIS, FRANK F., Staff Member with Plant Engineer, Sandia Corporation, Albuquerque, N. Mex. 1953.

NORRIS, WILLIAM E., Associate Professor of Electronics, United States Naval Post Graduate School, Monterey, Calif. 1953.

NORTHROP, MILES G., Professor and Head, Dept. of Electrical Engineering, University of Louisville, Louisville, Ky. 1943.

NORTHRUP, RALPH T., Professor and Head of Engineering Drawing, Wayne State University, Detroit, Mich. 1934.

NORTON, MAURICE E., Manager of Atlantic Region, Engineering Recruiting, General Electric Company, Schenectady, N. Y. 1953.

NORTON, PAUL T., JR., 15664 Redington Drive, Redington Beach, St. Petersburgh, Fla. (*Member of Council, 1931–37.*) *Life Member.* 1926.

NORVIK, FREDERICK J., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

NOTAR, ERNEST, Dean, Erie County Technical Institute, Buffalo, N. Y. 1949.

NOTHMANN, GERHARD A., Manager of Mechanical Engineering Research, Armour Research Foundation, 1425 West 42nd Street, Chicago 9, Ill. 1946.

NOTHSTINE, LEO V., Associate Professor of Civil Engineering, Michigan State University, East Lansing, Mich. 1950.

NOTTENBURG, ROBERT A., Dean of the Faculty, International Correspondence Schools, Scranton 15, Pa. 1955.

NOTTINGHAM, FRANK O., JR., Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1948.

NOVAK, LEO C., Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1948.

NOVAK, LOUIS, Instructor in Mechanical Drafting, Wentworth Institute, Boston, Mass. 1956.

NOVKOV, DAVID A., Engineer-Instructor, American Technical Institute, Akron, Ohio. 1958.

NOWACK, ROBERT F., Associate Professor of Engineering Mechanics, Clemson Agricultural and Mechanical College, Clemson, S. C. 1957.

NOYES, LEONARD, Instructor in Management & Personnel, Newark College of Engineering, Newark, N. J. 1948.

NOYES, ROY B., Instructor in Mechanical Engineering, Oregon State College, Corvallis, Ore. 1958.

NUDD, PHILIP, Professor of Electrical Engineering, Cooper Union, New York, N. Y. 1939.

NUDD, WILLARD E., Associate Professor of Engineering Drawing, Director of Admissions, Case Institute of Technology, Cleveland, Ohio. 1923.

NULL, HAROLD R., Assistant Professor of Chemical Engineering, University of Dayton, Dayton 9, Ohio. 1957.

NULSEN, WILLIAM B., Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1936.

NUNN, THOMAS R., Assistant Professor, General Studies, Purdue University, La Porte, Ind. 1949.

NUNN, WARREN R., Chairman of Mathematics and Engineering, Antelope Valley College, Lancaster, Calif. 1958.

NURNBERGER, PAUL A., Professor and Chairman of Mathematics and Engineering Mechanics, Tri-State College, Angola, Ind. 1949.

NUTT, MERLE C., Assistant Professor of Mechanical Engineering, Arizona State College, Tempe, Ariz. 1958.

NUTTLI, OTTO W., Assistant Professor of Geophysics and Geophysical Engineering, St. Louis University, 3621 Olive Street, St. Louis 8, Mo. 1952.

NYE, EDWIN P., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1949.

NYLAND, WAINO S., Associate Professor of English, University of Colorado, Boulder, Colo. 1948.

NYSTROM, J. W., Staff Assistant in Research Communications, IBM Research Center, Poughkeepsie, N. Y. 1956.

OAKEY, JOHN A., Professor and Chairman of Civil Engineering, North Dakota State College, Fargo, N. D. 1936.

OAKFORD, ROBERT V., Associate Professor of Industrial Engineering, Stanford University, Stanford, Calif. 1958.

OAKLEY, CLETUS O., Professor of Mathematics, Haverford College, Haverford, Pa. 1953.

O'BANNON, LESTER S., Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1956.

OBERBECK, THOMAS E., Professor of Mathematics and Mechanics, United States Naval Postgraduate School, Monterey, Calif. 1955.

OBERT, EDWARD F., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1952–54; Eighth Recipient, George Westinghouse Award, 1953.*) 1940.

OBRECHT, MALVERN F., Associate Professor of Chemical Engineering, Michigan State University, East Lansing, Mich. 1946.

O'BRIEN, EUGENE W., Vice President, W. R. C. Smith Pub. Co., 806 Peachtree St., N.E., Atlanta 5, Ga. 1935.

O'BRIEN, MORROUGH P., Dean, College of Engineering, University of California, Berkeley, Calif. 1939.

O'BRIEN, PHILLIP F., Lecturer and Assistant Engineer, University of California, Los Angeles, Calif. 1949.

O'BYRNE, JOSEPH M., Assistant Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1957.

O'CALLAHAN, KEVIN B., Lecturer in Drawing, University of Buffalo, Buffalo 14, N. Y. 1950.

OCKER, EDWARD H., Industrial Relations Officer, Naval Air Test Center, Patuxent River, Md. 1957.

O'CONNELL, DANIEL J., President of Daniel J. O'Connell Consulting Engineers, New York, N. Y. 1931.

O'CONNOR, JOHN S., (REV.), Chairman and Coordinator of Physics, St. Joseph's College, Philadelphia, Pa. 1957.

O'CONNOR, JOSEPH F., Assistant Director of Spring Garden Institute, Philadelphia 4, Pa. 1957.

O'CONNOR, WILLIAM F., Associate Professor and Chairman, Dept. of Chemistry, Fordham University, New York 58, N. Y. 1946.

OCVIRK, FRED W., Associate Professor of Machine Design, Cornell University, Ithaca, N. Y. 1942.

O'DEA, JAMES J., JR., 8 Hillandale Road, Westport, Conn. 1949.

ODEN, E. CLARENCE, Section Head, Research and Development, Chemstrand Corporation, Decatur, Ala. 1941.

OEHMANN, JOHN C., Assistant Professor of Civil Engineering, Catholic University, Washington, D. C. 1955.

OELLERICH, BOYD B., Instructor in Mechanical Engineering, University of Miami, Coral Gables 46, Fla. 1958.

OERGEL, CHARLES T., Professor and Head of Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1955.

OESTERLING, LEWIS K., Assistant Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

OETTING, ROBERT B., Instructor in Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1958.

OFFNER, DAVID H., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

OGBORN, LAWRENCE L., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1958.

OGBURN, S. CICERO, JR., Management Consultant in Industrial Research, 1442 Galleon Drive, Naples, Fla. (*Member of Council, 1935–38.*) 1928.

OGLESBY, CLARKSON H., Professor of Civil Engineering, Stanford University, Stanford, Calif. 1946.

O'GORMAN, JOHN M., Professor and Chairman of Chemistry, Pratt Institute, Brooklyn, N. Y. 1958.

OHLSEN, EDWARD H., Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1943.

OJALVO, MORRIS, Assistant Professor of Civil Engineering, Princeton University, Princeton, N. J. 1957.

OJALVO, MORRIS S., Instructor and Research Assistant in Mechanical Engineering, Purdue University, Lafayette, Ind. 1949.

OLDENBURGER, RUFUS, Professor of Mechanical Engineering, Purdue University, West Lafayette, Ind. 1957.

OLDKNOW, J. T., Instructor in Engineering Drawing, University of Colorado, Boulder, Colo. 1956.

O'LEARY, FRANCIS B., Assistant Professor and Librarian, Institute of Technology, University of Minnesota, Minneapolis, Minn. 1958.

OLER, CHARLES B., Professor of Electrical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1949.

OLESON, KENNETH S., Assistant Professor of Engineering, Extension, Iowa State College, Ames, Iowa. 1958.

OLISZEWSKI, CASIMIR, Assistant Professor of Engineering Science, Portland State College, Portland, Ore. 1957.

OLIVER, JOHN P., Associate Professor of Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1947.

OLIVER, ROBERT M., Professor of Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1947.

OLIVER, THOMAS K., Associate Professor of Electrical Engineering, USAF Academy, Lowry Air Force Base, Denver, Colo. 1955.

OLIVER, WILLIAM A., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1928.

OLMSTED, CHARLES T., Professor Emeritus of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. (Home add.: 1745 Westridge Road, Ann Arbor, Mich.) *Life Member.* 1929.

OLMSTED, STERLING P., Head of Language and Literature, Rensselaer Polytechnic Institute, Troy, N. Y. (*Member of Council, 1957–59.*) 1949.

OLSEN, CHARLES E., Instructor of Mathematics, University of Illinois (Navy Pier) Chicago, Ill. 1955.

OLSEN, GERNER A., Associate Professor of Civil Engineering, City College of New York, New York, N. Y. 1936.

OLSEN, LEONARD O., Dept. of Physics, Case Institute of Technology, Cleveland 6, Ohio. 1954.

OLSEN, LEROY S., Associate Professor, Rensselaer Polytechnic Institute, Hartford Graduate Center, East Windsor Hill, Conn. 1940.

OLSEN, ROBERT A., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1948.

OLSEN, THEODORE G., Assistant Professor of Mechanical Engineering, University of Miami, Coral Gables, Fla. 1957.

OLSON, DONALD R., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1958.

OLSON, O. NEIL, Professor and Director, Dept. of Civil Engineering, Marquette University, Milwaukee, Wis. (*Member of Council, 1946–48.*) 1946.

OLSON, OSCAR A., Owner, O. A. Olson Mfg. Co., 712 Tenth St., Ames, Iowa. 1915.

OLSON, RICHARD G., Nuclear Engineer, Atomic Power Development Associates, Special Instructor in Electrical Engineering, Wayne State University, Detroit, Mich. (On leave of absence: Detroit Edison Company, Detroit, Mich.) 1950.

OLSON, ROBERT, Supervisor—TCDP, Flight Propulsion Laboratory Department, General Electric Company, Cincinnati 15, Ohio. 1958.

OLVER, ELWOOD F., Director of Security Department and Associate Professor of Agricultural Engineering, The Pennsylvania State University, State College, Pa. 1957.

O'MARA, JOHN J., Associate Professor of Civil Engineering, State University of Iowa, Iowa City, Ia. 1956.

ONDRA, OTAKAR, Professor of Civil Engineering, Manhattan College, New York City. 1943.

O'NEILL, RUSSELL R., Professor and Assistant Dean of Engineering, University of California, Los Angeles, 24, Calif. 1948.

ONUF, BRONIS R., Professor of Mechanical Engineering, Hartford Graduate Center, Rensselaer Polytechnic Institute, East Windsor Hill, Conn. 1943.

OORTHUYS, HENDRIK J., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1953.

OPDYKE, JOHN B., Engineer, Lago Oil and Transport Company, Limited, Aruba, Netherlands Antilles. 1937.

OPPENHEIM, ANTONI K., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

OPPENHEIMER, FRANK, President, Gramercy Guild Group Inc., 120 Broad St., New York 4, N. Y. 1949.

OPPERMAN, DAVID R., Assistant Dean of Engineering, Instructor in General Engineering, University of Illinois, Urbana, Ill. 1957.

ORBECK, MARTIN J., Professor Emeritus of Engineering Drawing, University of Michigan, Ann Arbor, Mich. (Home Address: 401 Wildwood Avenue, Ann Arbor, Mich.) 1948.

ORDON, CHESTER J., Professor of Civil Engineering, Wayne State University, Detroit, Mich. 1954.

ORDUNG, PHILIP F., Professor of Electrical Engineering, Yale University, New Haven, Conn. 1954.

ORENS, IRVING P., Professor of Physics, and Chairman, Graduate Division, Newark College of Engineering, Newark, N. J. 1947.

ORGELMAN, GEORGE H., Personnel Director, General Precision Laboratory, Pleasantville, N. Y. 1952.

ORLOB, GERALD T., Assistant Professor of Civil Engineering, University of California, Berkeley, Calif. 1955.

ORMONDROYD, JESSE, Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1939.

ORMSBEE, ALLEN I., Professor of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1947.

ORNSTEIN, WILHELM, Professor of Applied Mechanics, Washington University, St. Louis 5, Mo. 1950.

ORR, JOSEPH A., Professor of Civil Engineering, Agricultural and Mechanical College of Texas, College Station, Tex. 1956.

ORR, VIRGIL, Professor of Chemical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1937.

ORR, WESLEY L., Assistant Dean and Professor, College of Engineering, University of California, Los Angeles, Calif. 1945.

ORRELL, DONALD B., Department Head of Electronics Technology, Oregon Technical Institute, Klamath Falls, Ore. 1958.

ORRIS, JAMES R., Associate Professor of Civil Engineering, University of Denver, Denver, Colo. 1947.

ORTH, HERBERT D., Professor Emeritus of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. (Home address: 1026 W. Badgerrd, Madison 5, Wis.) *Life Member.* 1910.

OSBORN, HENRY H., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1953.

OSBORN, JOHN R., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1958.

OSBORN, JOSEPH C., Assistant Professor, Mechanics, Lehigh University, Bethlehem, Pa. 1949.

OSBORN, ROBERT E., Associate Professor of Electrical Engineering, Cornell University Ithaca, N. Y. 1943.

OSBORNE, HAROLD S., Consulting Engineer, 379 Highland Ave., Upper Montclair, N. J. 1935.

OSBORNE, MILTON S., Professor and Head of Department of Architecture, Pennsylvania State University, University Park, Pa. 1954

OSBORNE, PHILLIP W., Assistant Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1956.

OSBORNE, SHERIDAN, Mechanical Engineer, Douglas Aircraft Company, Santa Monica, Calif. 1940.

OSBURN, JAMES O., Professor of Chemical Engineering, State University of Iowa, Iowa City, Iowa. 1948.

OSBURN, ORREN E., Associate Professor of Electrical Engineering, Washington State College, Pullman, Wash. (*Member of Council, 1948–50.*) 1932.

OSGOOD, ELMER C., Professor of Civil Engineering, University of Massachusetts, Amherst, Mass. 1958.

OSGOOD, WILLIAM R., Professor and Head of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1956.

O'SHAUGHNESSY, LOUIS, Professor of Applied Mechanics, Virginia Polytechnic Institute, Blacksburg, Va. *Life Member.* 1912.

OSNER, HENRY J., Instructor in Mathematics and Engineering, Modesto Junior College, Modesto, Calif. 1954.

OSTAPENKO, ALEXIS, Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1958.

OSTEEN, DENNIS N., JR., 8352 Tucson Trail, Ft. Worth 16, Tex. 1954.

OSTERBERG, JORJ O., Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1946.

OSTERBROCK, CARL HENRY, Instructor in Electrical Engineering, University of Cincinnati, Cincinnati, Ohio. 1958.

OSTERHOF, GERARD G., Professor and Head, Dept. of Chemistry, South Dakota School of Mines and Technology, Rapid City, S. D. 1940.

OSTERKAMP, HUBERT A., Instructor in Civil Engineering, The Citadel, Charleston, S. C. 1957.

OSTERLE, JOHN F., Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1954.

OSTERTAG, CHARLES W., Industrial Engineer, 501 W. Surf Street, Chicago, Ill. 1949.

OSTEYEE, LEON F., Mechanical Engineering, California State Polytechnic College, Pomona, Calif. 1954.

O'SULLIVAN, JOHN J., Engineer, Rand Corporation, 919 Levering Ave., Los Angeles 24, Cal. 1958.

OTHMER, DONALD F., Professor and Head, Dept. of Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn 1, N. Y. 1937.

OTHMER, MURRAY E., Professor of Chemical Engineering, Apartado 1506, Caracas, Venezuela. 1958.

OTIS, CHARLES K., Professor of Agricultural Engineering, University of Minnesota, St. Paul 1, Minn. 1947.

OTIS, FRANKLIN F., Professor and Chairman, Mathematics Dept., Michigan College of Mining and Technology, Sault Branch, Sault Ste. Marie, Mich. 1950.

OTT, PERCY W., Professor Emeritus of Engineering Mechanics, Ohio State University, General Engineer, Staff Naval Missle Test Center, Point Mugu, Calif. *Life Member.* 1925.

OTTER, JOHN V., Consulting Engineer, Morrison-Knutsen Boise Co., Idaho. 1929.

OTTO, CARL E., Associate Professor of Chemistry, University of Maine, Orono, Maine. 1947.

OTTO, LOUIS L., Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1941.

OTTS, LOUIS E., Professor of Civil Engineering, University of Maryland, College Park, Md. 1948.

OUTWATER, JOHN O., Professor and Chairman of Mechanical Engineering, University of Vermont, Burlington, Vt. 1956.

OVERBERGER, CHARLES G., Head of Chemistry, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1957.

OVERHOLT, CHRIS A., Vice-President and Treasurer, Indiana Technical College, Fort Wayne, Ind. 1948.

OWEN, CHARLES V., Area Engineer, The Asphalt Institute, Kansas City, Kan. 1953.

OWEN, HALSEY F., Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1940.

OWEN, HARRY A., JR., Associate Professor of Electrical Engineering, Duke University, Durham, N. C. 1948.

OWEN, SAMUEL P., Executive Officer and Professor of General Engineering, Rutgers University, New Brunswick, N. J. 1943.

OWEN, WILLIAM M., 3422 N. 45th Place, Phoenix, Ariz. 1949.

OWENS, BERL W., Associate Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1949.

OWENS, FREDERICK W., Professor and Head Emeritus, Dept. of Mathematics, The Pennsylvania State University, University Park, Pa. (Home: 462 East Foster Ave., State College, Pa.) *Life Member.* 1926.

OWENS, OWEN G., Professor of Electrical Engineering, Union College, Schenectady, N. Y. 1956.

OWENS, RALPH G., Professor of Mechanical Engineering and Dean of Engineering, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1956–58.*) 1944.

OWENS, WILLIAM J., Dean of Engineering, Bridgeport Engineering Institute, Bridgeport, Conn. 1950.

OWNLEY, ROBERT E., Instructor in Electrical Engineering, West Virginia University, Morgantown, W. Va. 1956.

OXFORD, CARL J., JR., Research Director, National Twist Drill and Tool Company, Rochester, Mich. 1955.

OXFORD, CHARLES W., Professor of Chemical Engineering, University of Arkansas, Fayetteville, Ark. 1951.

OYAMA, MATSUJIRO, Professor Emeritus of Electrical Engineering, University of Tokyo, Hongo, Bunkyoky, Tokyo, Japan. 1956.

PAASCHE, OLAF G., Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1957.

PABARCIUS, ALGIS, Instructor in Civil Engineering, University of Illinois, 6517 South California Avenue, Chicago 29, Ill. 1957.

PACKARD, THEODORE H., Associate Professor of English, Worcester Polytechnic Institute, Worcester, Mass. 1948.

PACKARD, WESLEY J., Head, Machine Department, Wentworth Institute, Boston, Mass. 1956.

PADALINO, JOSEPH J., Associate Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1949.

PADDOCK, RUSSELL G., Professor and Head Emeritus, Department of Mechanical Engineering, University of Arkansas, Fayetteville, Arkansas. (*Life Member.*) 1931.

PAFFENBARGER, RALPH S., Professor and Chairman, Dept. of Engineering Drawing, The Ohio State University, Columbus 10, Ohio. (*Member of Council, 1952–54, 1954–56.*) 1932.

PAGE, ALVIN N., Head of Architectural Department, Wentworth Institute, Boston, Mass. 1954.

PAGE, EDWARD L., Associate Professor of Industrial Engineering, University of Michigan, Ann Arbor, Michigan. 1948.

PAGE, FRANK B., Development Engineer, General Engineering Laboratory, General Electric Co., Schenectady, N. Y. 1947.

PAGE, GEORGE N., Associate Professor of Engineering Drawing, Syracuse University, Syracuse, N. Y. 1952.

PAGE, RICHARD T., Associate Professor of Sanitary Engineering, Civil Engineering, University of Kansas, Lawrence, Kans. 1951.

PAGE, ROBERT H., Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1956.

PAIGE, ARLIE E., Professor and Chairman of Electrical Engineering, University of Denver, Denver, Colo. 1948.

PAINE, ELLERY B., Professor Emeritus of Electrical Engineering, University of Illinois, 606 Pennsylvania Avenue, Urbana, Ill. *Life member.* 1911.

PAINTER, JACK T., 511 Harrison Court, West Lafayette, Ind. 1956.

PAINTER, ROBERT J., Executive Secretary, American Society for Testing Materials, Philadelphia 3, Pa. 1941.

PALERMO, JOSEPH A., Associate Professor of Chemical Engineering, The University of Toledo, Toledo 6, Ohio. 1957.

PALKEN, GEORGE, Assistant Professor of Industrial Engineering, Northeastern University, Boston, Mass. 1952.

PALMER, AUBREY E., Associate Professor of Civil Engineering, Duke University, Durham, N. C. 1946.

PALMER, ARTHUR I., JR., Patent Engineer, Office of the Patent Section, General Motors Corporation, Washington, D. C. 1953.

PALMER, DELOS M., Director, Delos M. Palmer & Associates, Consulting Engineers, Toledo 12, Ohio. 1933.

PALMER, GEORGE M., Assistant Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1955.

PALMER, HARLAN B., Professor and Head of Electrical Engineering, University of Colorado, Boulder, Colo. 1956.

PALMER, HERALD K., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1930.

PALMER, LEWIS G., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1945.

PALMER, ROBERT K., Associate Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1947.

PALMER, ROBERT S., Agricultural Engineer Project Administrator, Eastern Soil & Water Management Branch (SWCRD-ARS) USDA, University of New Hampshire, Durham, N. H. 1953.

PALMER, THEODORE P., Professor and Head of Department of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind. 1949.

PALMERLEE, ALBERT S., Professor and Chairman of Engineering Drawing, Head Freshman Adviser, School of Engineering, University of Kansas, Lawrence, Kan. 1946.

PALMERTON, L. R., Dean of Students and Professor of Psychology, South Dakota School of Mines and Technology, Rapid City, S. Dak. 1940.

PALSGROVE, GRANT K., Professor Emeritus of Mechanical and Hydraulic Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. *Life Member.* (*Member of Council, 1946–54.*) 1918.

PAMPAMARCOS, JOHN, 62-09 138 Street, Flushing 67, N. Y. 1953.

PAN, SAI-LUNG, Assistant Research Professor of Civil Engineering, Manhattan College, New York 71, N. Y. 1955.

PANANIDES, NICHOLAS A., Instructor in Mathematics and Engineering, Bakersfield College, Bakersfield, Calif. 1947.

PANIAN, GEORGE W., Manager of Technical Recruiting Monsanto Chemical Company, Texas City, Tex. 1958.

PANKRATZ, GEORGE E., Associate Professor of Mechanical Engineering, Head of Engineering Graphics, University of Toledo, Toledo, Ohio. 1946.

PANLENER, GLENN F., Assistant Professor of Mechanical Engineering, New Mexico College of A. & M. A., State College, N. M. 1951.

PANLENER, RICHARD J., Director of Industrial Relations, Assistant Professor of Mechanical Engineering, Marquette University, Milwaukee, Wis. 1946.

PANLILIO, FILADELFO, Professor of Mechanical Engineering, Union College, Schenectady 8, N. Y. 1955.

PANZECA, PHILIP J., Instructor in Industrial Engineering, Hofstra College, Hempstead, N. Y. 1957.

PAO, RICHARD H. F., Assistant Professor of Civil Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1954.

PAPE, F. WILLIAM, Assistant Professor of Physics, University of Cincinnati, Cincinnati, Ohio. 1957.

PAPWORTH, R. L., Instructor in Mechanics, Michigan College of Mining and Technology, Houghton, Mich. 1957.

PAQUET, VICTOR H., Assistant Professor of Mechanical Engineering in charge of Drafting, University of Vermont, Burlington, Vt. 1954.

PAQUETTE, RADNOR J., Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1950.

PARDEN, ROBERT J., Dean, College of Engineering, University of Santa Clara, Santa Clara, Calif. 1953.

PARDOE, PETER PEABODY, Instructor in Mechanics, Lafayette College, Easton, Pa. 1957.

PARDUE, LOUIS A., Vice President and Director of the Graduate School, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

PARÉ, EUGENE G., Professor of Mechanical Engineering, Washington State University, Pullman, Wash. 1943.

PARISH, WILLIAM R., Associate Professor of Electrical Engineering, University of Idaho, Moscow, Idaho. 1954.

PARK, C. W., Professor of English, Emeritus, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1932–35.*) *Life member.* 1915.

PARK, JOHN C., Dean Emeritus of Engineering, University of Arizona, Tucson, Ariz. 1931.

PARK, WILLIAM H., Instructor in Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1954.

PARKER, BEN H., Vice President, The Frontier Refining Co., P. O. Box 508, Golden, Colo. 1946.

PARKER, BLAINE F., Associate Professor of Agricultural Engineering, University of Kentucky, Lexington, Kentucky. 1958.

PARKER, EDMOND M., Associate Professor of Applied Science, Dept. of Engineering, Centenary College of Louisiana, Shreveport, La. 1948.

PARKER, JERALD D., Instructor in Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1956.

PARKER, JOHN, Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1949.

PARKER, JOHN P., Associate Professor of English, Montana State College, Bozeman, Mont. 1952.

PARKER, MILTON E., Director and Professor of Food Engineering, Illinois Institute of Technology, Chicago, Ill. President, Sea Products Corporation, New Bedford, Mass. 1950.

PARKER, NORMAN A., Professor and Head, Dept. of Mechanical Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1954–56.*) 1941.

PARKER, ROBERT N., Associate in Engineering, University of California, Los Angeles, Calif. 1957.

PARKER, VERNON C., Senior Instructor in Engineering Drawing and Machine Design, University of Colorado, Boulder, Colo. 1947.

PARKHURST, IRA A., Instructor in Industrial Technology, Lain Technical Institute, Evansville, Ind. 1957.

PARKINSON, HAROLD N., Assistant Professor of General Engineering, Oregon State College, Corvallis, Ore. 1947.

PARKINSON, LUTE J., Professor and Head of Department of Mining, Colorado School of Mines, Golden, Colo. 1954.

PARKINSON, RICHARD W., Associate Professor of Engineering Drawing, Ohio State University, Columbus 10, Ohio. 1950.

PARKS, WILBUR H., Chairman, Dept. of Mechanical Engineering, University of Denver, Denver, Colo. 1942.

PARLEE, NORMAN A., Professor of Metallurgical Engineering, Purdue University, Lafayette, Ind. 1956.

PARMER, JEROME F., Instructor in Mechanical Engineering, West Virginia University, Morgantown, West Va. 1958.

PARR, KENNETH E., Training Coordinator, Trans-Arabian Pipeline Company, Box 1348, c/o Tapline, Beirut, Lebanon. 1946.

PARROTT, ALICE A., Professor Emeritus and Graduate Adviser in English, Tri-State College, Angola, Ind. (Home: 401 South Superior Street.) *Life Member.* 1932.

PARRY, RALPH E., Engineer, Incandescent Lamp Engineering, General Electric Company, Nela Park, Cleveland 12, Ohio. 1957.

PARRY, SAMUEL R., Vice President and General Manager, Chattanooga Division, Combustion Engineering—Superheater, Inc., Chattanooga, Tenn. 1949.

PARSEGIAN, V. LAWRENCE, Dean of Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1955.

PARSHALL, MAXWELL, Assistant Professor of Civil Engineering, Colorado State University, Fort Collins, Colo. 1951.

PARSONS, JAMES A., JR., Chairman, School of Engineering, Tennessee Arts and Industrial State University, Nashville, Tenn. 1958.

PARSONS, JOHN W., Director of Employee Relations, McGill Manufacturing Company, Incorporated, Valparaiso, Ind. 1957.

PARSONS, KENNETH L., Associate Professor of Electrical Engineering, University of Maine, Orono, Maine. 1947.

PARSONS, WALTER H., JR., Director of Instructions, Academic Division, The Engineers' School, Fort Belvoir, Va. 1956.

PARTIN, WILLIAM, Head of Electronics and Refrigeration, Institute of Technology and Art, Calgary, Alberta, Canada. 1956.

PARTLO, F. L., President, South Dakota School of Mines and Technology, Rapid City, S. D. 1939.

PARTRIDGE, DONALD B., Dean of Students, Philadelphia Textile Institute, Philadelphia, Pa. 1956.

PASEK, J. EDWIN, Assistant General Sales Manager, Mallet and Company, Pittsburgh, Pa. 1945.

PASK, JOSEPH A., Professor of Ceramic Engineering, University of California, Berkeley, Calif. 1953.

PASKUSZ, GERHARD F., Associate in Engineering, University of California, Los Angeles, Cal. 1953.

PASQUA, PIETRO F., Professor and Head of Nuclear Engineering, University of Tennessee, Knoxville, Tenn. 1949.

PASS, VINCENT L., Assistant Professor of Architectural Engineering, Pennsylvania State University, University Park, Pa. 1951.

PATERSON, ALEXANDER, Associate Professor of Civil Engineering, University of Detroit, Detroit, Mich. 1951.

PATNODE, WINTON I., Consultant, 30 Country Club Drive, Tacoma 99, Wash. 1952.

PATRICK, JOHN S., Manager of Technical Department, Shell Company of Japan, Tokyo, Japan. 1957.

PATTERSON, RALPH E., Professor and Head of Agricultural Engineering Extension, Pennsylvania State University, University Park, Pa. 1954.

PATTERSON, RALPH E., JR., Associate Professor in Engineering Extension, Iowa State College, Ames, Iowa. 1956.

PATTERSON, WILLIAM A., Dean of Engineering, Fenn College, Cleveland, Ohio. 1953

PATTISON, FLOYD, Professor of Mechanical Engineering, Extension Division, Kansas State College, Manhattan, Kans. 1934.

PATTISON, ROBERT, Lecturer in Engineering, University of London, King & College, Staand, London, W. C. 1, Ilford, Essex, England. 1945.

PATTISON, ROBERT E., Manager of Engineering Education, International Business Machines Co., Stamford, Conn. 1956.

PAUL, ARTHUR N., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1947.

PAUL, C. E., (130 4th Ave., North, St. Petersburg 4, Fla.) *Life Member*. 1907.

PAUL, EDMUND L., JR., Assistant Professor of Engineering Drawing, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

PAUL, EDWIN W., Head, Associate Professor of Social-Humanistics, University of Louisville, Louisville, Ky. 1954.

PAUL, JUNIOR A., Engineering Drawing, Product Engineering Department, General Motors Institute, Flint, Mich. 1956.

PAUL, RALPH L., Research Engineer in Mechanical Engineering, Battelle Memorial Institute, Columbus 1, Ohio. 1950.

PAUL, STANLEY L., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1958.

PAUL, WILLIAM H., Professor of Automotive Engineering, Oregon State College, Corvallis, Ore. 1954.

PAULNOCK, RUSSELL S., Instructor in Electrical Engineering, United States Air Force Institute of Technology, Dayton, Ohio. 1956.

PAULSEN, FRIDTJOF, Chairman of Mathematics and Engineering, San Mateo College, San Mateo, Calif. 1935.

PAULSON, FREDERICK H., Partner and Manager of Consulting Engineers, C. A. Maguire and Associates, Providence 3, R. I. 1955.

PAUW, ADRIAN, Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1949.

PAVLASEK, TOMAS J. F., Associate Professor of Electrical Engineering, McGill University, Montreal, Quebec, Canada. 1958.

PAYNE, WILLIAM H., JR., Supervisor Director of Industrial Arts, Public Schools of the District of Columbia, Washington, D. C. 1953.

PAYNTER, THOMAS E., Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1947.

PEACH, MILTON O., Associate Professor of Engineering Mechanics, University of Notre Dame, Notre Dame, Ind. 1953.

PEACOCK, DONALD E., Instructor in English, Erie County Technical Institute, Buffalo, N. Y. 1950.

PEARCE, CLINTON E., Professor of Machine Design, India Institute of Technology, KHARAGPUR, West Bengal, India. 1937.

PEARCE, CULLEN T., Manager of District Engineering and Service, Westinghouse Electric Corporation, Philadelphia, Pa. 1954.

PEARCE, DAVID C., Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1957.

PEARCE, FLETCHER W., Instructor in Engineering, Boise Junior College, Boise, Idaho. 1938.

PEARL, GEORGE C., Director of Public Relations, Columbia University, New York, N. Y. 1956.

PEARSALL, SAM H., Assistant Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1957.

PEARSON, DONALD S., Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1939.

PEARSON, JAY F. W., President, University of Miami, Coral Gables, Fla. 1953.

PEARSON, JOHN E., Professor of General Engineering, University of Illinois, Urbana, Ill. 1942.

PEARSON, J. RAYMOND, Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1945.

PEARSON, S. IVAR, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1948.

PEART, ROBERT M., Assistant Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1958.

PEASE, DONALD A., Supervisor, Engineering Administration, Small Aircraft Engine Department General Electric Company, Lynn, Mass. 1956.

PEASE, EDWARD M. J., Professor and Head, Dept. of Mathematics, University of Rhode Island, Kingston, R. I. 1937.

PEASE, SHERMAN L., Manager of Technical Training, Shell Development Company, 3737 Bellaire Blvd., Houston 25, Tex. 1958.

PEASLEE, W. DHU AINE, President, Valparaiso Technical Institute, Valparaiso, Ind. 1957.

PECK, CHARLES F., JR., Professor and Head of Civil Engineering, The Cooper Union, Cooper Square, New York 3, N. Y. 1952.

PECK, EDWARD B., Professor of Industrial Engineering, Rutgers University, New Brunswick, N. J. 1955.

PECK, GEORGE V., Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1956.

PECK, RALPH E., Professor of Chemical Engineering, Illinois Institute of Technology, Chicago, Ill. 1941.

PECSOK, JAMES D., Technical Personnel Manager, Reynolds Metals Company, Richmond, Va. 1957.

Pedrotti, Leon S., Assistant Professor of Physics, United States Air Force Institute of Technology, Dayton, Ohio. 1956.

Peebles, Fred N., Associate Professor of Chemical Engineering, University of Tennessee, Knoxville, Tenn. 1955.

Peebles, James H., Jr., Associate Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1948.

Peery, David J., Professor of Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. (On leave 1957–58; Staff Engineer, Topp Industries, Inc., Solana Beach, Calif.) (*Member of Council, 1955–57.*) 1938.

Peet, J. C., 4710 4th Street, St. Petersburg, Fla. *Life Member.* 1923.

Pefley, Richard K., Associate Professor and Head of Mechanical Engineering, University of Santa Clara, Santa Clara, Calif. 1952.

Pegram, Glenn L., Section Head, Personnel Management, General Motors Institute, Flint, Mich. 1957.

Peikert, Frank W., Professor and Head, Agricultural Engineering, Pennsylvania State University, University Park, Pa. (*Member of Council, 1955–57.*) 1950.

Peirce, George R., Associate Professor of Electrical Engineering, University of Illinois Urbana, Ill. 1939.

Pekarsky, Abraham L., Public Works Department, Naval Air Development Center, Johnsville, Pa. 1948.

Pelan, Byron J., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1958.

Peller, Charles G., Associate Professor of Civil Engineering, Valparaiso University, Valparaiso, Ind. 1947.

Pena, Isidro R., Professor of Chemical Engineering, College of Agriculture and Mechanic Arts, Mayaguez, Puerto Rico. 1955.

Pender, Harold, Retired, Dean, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1924–27.*) *Life member.* 1909.

Pendergast, Michael S., Jr., Student on Advanced Engineering Program, General Electric Co., Schenectady, N. Y. 1947.

Pendergast, Robert C., Instructor in Engineering, Eastern New Mexico University, Portales, New Mex. 1957.

Pendley, Laurence C., Assistant Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1951.

Penick, John, Eastern New Mexico University, Portales, New Mexico. 1946.

Penney, Dwight L., Assistant Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio. 1948.

Penney, Gaylord W., George Westinghouse Professor of Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1947.

Pennington, Clark W., Assistant Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1956.

Pennington, William A., Professor of Chemical Engineering, University of Maryland, College Station, Md. 1956.

Penrod, Estel B., Professor and Head of Mechanical Engineering, University of Kentucky, Lexington, Ky. 1950.

Penrose, Charles, Associate Professor and Librarian, Clarkson College of Technology, Potsdam, N. Y. 1948.

Pepper, Paul M., Associate Professor of Mathematics and Industrial Engineering, Assistant to the Director, Ohio State University Research Foundation, Ohio State University, Columbus, Ohio. 1950.

Perdue, John V., Industrial Coordinator, University of Detroit, Detroit, Mich. 1956.

Pereira, Dulcidio, Professor Emeritus of Physics, Universidad do Brazil, Rio de Janeiro, Brazil, S. A. 1943.

Peretti, Ettore A., Head and Professor of Metallurgy, University of Notre Dame, Notre Dame, Ind. 1944.

Perez, Angel A., Instructor in Mechanical Engineering, University of Puerto Rico College of Agriculture and Mechanic Arts, Mayaguez, Puerto Rico. 1958.

Perez Cordero, Luis M., Instructor in General Engineering, University of Puerto Rico, Mayaguez, P. R. 1958.

Perez, Lawrence J., Assistant Dean of Engineering and Architecture, Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1933.

Perkins, Aladdin N., Instructor in Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

Perkins, Donald L., Professor and Head of Mechanical and Industrial Engineering, Wayne State University, Detroit, Mich. 1930.

Perkins, Harold C., Professor of Mechanics, Cornell University, Ithaca, N. Y. 1934.

Perkins, Roy B., Head of Engineering Shop Laboratories, University of Illinois, Navy Pier, Chicago 11, Ill. 1947.

Perkins, Theodore M., Dean of Students, Bridgeport Engineering Institute, Bridgeport, Conn. 1955.

Perkowski, Napoleon, Assistant Professor of Industrial Engineering, University of Southern California, Los Angeles, Calif. 1955.

Perquin, Nicholas, Assistant Professor of Mechanical Technology, State University of New York, Agricultural and Technical Institute, Alfred, N. Y. 1958.

Perry, Byrne, Assistant Professor of Civil Engineering, Stanford University, Stanford, Calif. 1957.

Perry, C. C., Associate Professor of Engineering Mechanics, Wayne State University, Detroit, Mich. 1957.

Perry, Irving D., Instructor in Electrical Engineering, Westchester Community College, White Plains, N. Y. (Home: Honeoye Falls, N. Y.) 1950.

Perry, Isaiah B., Associate Professor and Chairman of Engineering Drawing, Hampton Institute, Hampton, Va. 1954.

Perry, John E., Professor Emeritus, Dept. of Civil Engineering, Cornell University, Ithaca, N. Y. *Life member.* 1922.

Perry, John M., Professor of Mathematics, Clarkson College of Technology, Potsdam, N. Y. 1951.

Perry, Lewis E., Dean of Academic Instruction, Norwich University, Northfield, Vt. 1958.

Perry, Raymond J., Professor of Chemistry, U. S. Coast Guard Academy, New London, Conn. 1949.

Perry, Robert H., Associate Professor of Chemical Engineering, University of Oklahoma, Norman, Okla. 1958.

Perry, Robert L., Associate Professor of Mechanical Engineering, Clemson College, Clemson, S. C. 1954.

Perry, Russell L., Professor of Agricultural Engineering, University of California, Los Angeles, Calif. 1954.

Perry, W. Hunter, Jr., Dean of Students, Franklin Technical Institute, Boston, Mass. 1947.

Perryman, Conner C., Professor of Industrial Engineering and Engineering Drawing, Texas Technological College, Lubbock, Texas. 1938.

Person, H. T., Dean, College of Engineering, University of Wyoming, Laramie, Wyo. 1932.

Peters, Max S., Professor of Chemical Engineering, University of Illinois, Urbana, Ill. 1952.

Peters, Ralph Edward, University of Cincinnati, Cincinnati, Ohio. 1955.

Peters, Ralph E. Vice President, Berger Associates, Inc., Harrisburg, Pa. 1957.

Peters, Samuel E., Instructor in Mathematics and Engineering, Long Beach City College, Long Beach, Calif. 1958.

PETERSEN, JACK S., Associate Professor of Engineering Mechanics, University of Alabama, Tuscaloosa, Ala. 1955.

PETERSON, ALBERT E., Instructor in Technical Institute, University of Dayton, Dayton, Ohio. 1957.

PETERSON, ALDOR C., Associate Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Iowa. 1939.

PETERSON, DANIEL M., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1953.

PETERSON, DEAN F., JR., Dean of Engineering, Utah State University, Logan, Utah. 1949.

PETERSON, DONALD A., Technical Writer, Hughes Aircraft Company, Tucson, Ariz. 1958.

PETERSON, DONALD E., Instructor in Electrical Engineering, North Dakota State College, Fargo, N. Dak. 1958.

PETERSON, EMIL J., 7 Woodmont Road, Belle Haven, Alexandria, Va. 1952.

PETERSON, HAROLD A., Professor and Chairman, Dept. of Electrical Engineering, University of Wisconsin, Madison, Wis. 1947.

PETERSON, JAMES E., Assistant Professor of Civil Engineering, Duke University, Durham, N. C. 1956.

PETERSON, J. MERRIAM, Professor of Chemical Engineering and Director of Green Engineering Camp, Cooper Union, New York, N. Y. 1948.

PETERSON, MASON M., Associate Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1945.

PETERSON, PAUL W., Group Leader, Structures, Lockheed Missiles, Sunnyvale, Calif. 1957.

PETREA, HOWARD A., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1954.

PETRIE, GEORGE W., III, Manager, Research Relations, IBM, 9700 Elrod Road, Kensington, Md. 1938.

PETRIE, JOHN M., Professor of Chemical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1937.

PETRIE, RAYMOND W., Associate Professor of Mechanical Engineering, University of Bridgeport, Bridgeport, Conn. 1947.

PETRY, WILLIAM M., Professor and Head of Mechanical Engineering, University of Akron, Akron, Ohio. 1946.

PETSCAVAGE, MICHAEL J., Instructor, General Extension Department, Pennsylvania State University Center, Wilkes-Barre, Pa. 1957.

PETTIT, JOSEPH M., Dean of Engineering, Stanford University, Stanford, Calif. 1940.

PETTY, BEN. H., Professor of Highway Engineering, Purdue University, Lafayette, Ind. 1925.

PETTY, ELMER E., Professor and Head of Engineering Graphics, Milwaukee School of Engineering, Milwaukee, Wis. 1956.

PEURIFOY, ROBERT L., Professor of Construction Engineering, A. & M. College of Texas, College Station, Tex. (*Member of Council, 1956–.*) 1931.

PFEFFER, CHARLES B., Assistant Professor of Engineering Drawing, University of Wichita, Wichita, Kan. 1956.

PFISTER, PHILIP C., Instructor in Mechanical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1948.

PFLUG, IRVING J., Associate Professor of Agricultural Engineering, Michigan State University, E. Lansing, Mich. 1949.

PHELAN, RICHARD M., Associate Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1948.

PHELPS, CHARLES W., Visiting Assistant Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Hartford Graduate Center, East Windsor Hill, Conn. 1936.

PHELPS, ERNEST D., Manager of Personnel Research and Development, Reaction Motors, Incorporated, Denville, N. J. 1957.

PHELPS, EVERETT R., Professor of Physics, Wayne University, Detroit, Mich. 1953.

PHILBY, ALFRED J., Associate Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1957.

PHILLIPS, ALFORD E., Instructor in Mechanical Drawing, Central High School, Oklahoma City, Okla. 1953.

PHILLIPS, ARIS, Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1953.

PHILLIPS, ARTHUR, Professor of Metallurgy, Yale University, New Haven, Conn. 1937.

PHILLIPS, DEAN N., Instructor in Engineering, Mesa Junior College, Clifton, Colo. 1958.

PHILLIPS, JOHN B., Professor of Chemical Engineering, McGill University, Montreal 2, Canada. 1931.

PHILPOT, CLAUDE P., Head of Electrical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1947.

PHIPPS, CHARLES M., JR., Assistant in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

PIAN, RICHARD H. J., Associate Professor of Civil Engineering, Michigan State University, East Lansing, Mich. 1952.

PIAN, THEODORE H-H., Assistant Professor of Aeronautical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

PICHA, KENNETH G., Engineer, Engineering Sciences Program, National Science Foundation, Washington, 25, D. C. 1958.

PICKARD, EDWARD E., Educational Advisor, The Engineer School, U. S. Army, Fort Belvoir, Va. 1952.

PICKARD, GEORGE E., Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1958.

PICKETT, GERALD, Professor of Engrg. Mechanics, University of Wisconsin, Madison, Wis. 1948.

PIERCE, DONALD F., Physics, General Motors Institute, Flint, Mich. 1955.

PIERCE, DONALD N., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln 4, Nebr. 1950.

PIERCE, FRANCIS C., Senior Foundations Engineer, C. A. Maquire and Associates, Providence, R. I. 1951.

PIERCE, GEORGE O., Assistant Chief, Bureau of Food and Public Health Engineering, Department of Public Health, Room 5136, Municipal Center, 300 Indiana Avenue N. W., Washington, D. C. 1949.

PIERCE, JAMES, E., Chairman of Mathematics and Engineering, Modesto Junior College, Modesto, Calif. 1957.

PIERCE, J. PHILIP, Associate Professor of Mathematics, U. S. Naval Postgraduate School, Monterey, Calif. 1952.

PIERCE, STANLEY H., Associate Dean, College of Engineering, Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1937.

PIFER, DRURY A., Professor of Mining Engineering, Director, School of Mineral Engineering, University of Washington, Seattle 5, Wash. 1957.

PIGAGE, LEO C., Professor of Mechanical-Industrial Engineering, University of Illinois, Urbana, Ill. 1939.

PIGFORD, ROBERT L., Professor and Chairman, Dept. of Chemical Engineering, University of Delaware, Newark, Del. 1952.

PIGNATARO, LOUIS J., Assistant Professor in Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

PIKE, FREDERICK P., Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1947.

PILCH, MEIR, Research Fellow, Department of Hydraulics, University of Minnesota, Minneapolis, Minn. 1944.

PILKEY, ORRIN H., Manager of Design Engineering, Construction Engineering Operation, General Electric Company, Richland, Wash. 1957.

PINCHES, MARY F., Assistant Professor and Associate Librarian, Case Institute of Technology, Cleveland, Ohio. 1948.

PINCKNEY, DALE E., Assistant Professor of Social Studies, Montana School of Mines, Butte, Mont. 1955.

PINGEL, ROLAND W., Colonel, Retired, Ordnance Department, U. S. Army, Berkeley, Calif. 1950.

PINGS, VERN M., Instructor in Library, College of Engineering, University of Wisconsin, Madison 6, Wis. 1958.

PINKERTON, ROBERT M., Professor of Aeronautical Engineering, Mechanical Engineering Department, North Carolina State College, Raleigh, N. C. 1943.

PIPER, FRED F., Professor Emeritus of Physics, Clarkson College of Technology, Potsdam, N. Y.; (home address: 4000 Broadacres Drive, Greensboro, N. C.) *Life Member.* 1915.

PIPER, HARRY W., Assistant Professor of Civil Engineering, University of Maryland, College Park, Md. 1948.

PIPES, LOUIS A., Professor of Engineering, University of California, Los Angeles, Calif. 1952.

PISTRANG, JOSEPH, Assistant Professor of Civil Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1948.

PITTS, CHARLES R., Specialist-Education and Training, General Electric Company, Schenectady, N. Y. 1958.

PITTS, ROBERT G., Head Professor of Aeronautical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1958.

PIZZIRUSSO, JOSEPH F., Assistant Professor of Mechanical Engineering, The Cooper Union, Cooper Square, New York 3, N. Y. 1958.

PLANCK, IVAN A., Chairman, Mechanical Engineering, Indiana Technical College, Ft. Wayne, Ind. 1943.

PLANJE, THEODORE J., Chairman of Ceramic Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

PLANT, JOSEPH M., Assistant Professor of Mathematics, Florida State University, Tallahassee, Fla. 1953.

PLANT, LOUIS C., Professor Emeritus and Head of Mathematics, Michigan State University, East Lansing, Mich. *Life Member.* 1913.

PLANTS, HELEN M., Assistant Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1948.

PLASS, HAROLD J., JR., Associate Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1953.

PLATTON, IRVING, Associate in Engineering, University of California, Los Angeles, Calif. 1958.

PLEHN, ALLAN D., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee 8, Wis. 1955.

PLEHN, BRAINERD, Consulting Civil Engineer, 22415 Starling Drive, Los Altos, Calif. 1949.

PLETTA, DAN H., Professor and Head, Dept. of Applied Mechanics, Virginia Polytechnic Institute, Blacksburg, Va. 1932.

PLOCK, HENRY J., Professor of Civil Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1940.

PLONSEY, ROBERT, Assistant Professor of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio. 1957.

PLUMB, WILLIAM W., Assistant Professor of Industrial Engineering, Southern Methodist University, Dallas, Tex. 1958.

PLUMMER, FRED L., National Secretary, American Welding Society, 33 West 39th Street, New York 18, N. Y. 1930.

PLUMTREE, WILLIAM G., Assistant Professor of Civil Engineering, Los Angeles State College, Los Angeles, California. 1949.

PLUNKETT, ROBERT, Engineer, General Electric Co., Schenectady, N. Y. 1949.

POAGE, SCOTT T., Instructor in Industrial Engineering, Texas A. & M. College, College Station, Tex. 1957.

POE, HERBERT V., Associate Professor of Electrical Engineering, Clemson Agricultural College, Clemson, S. C. 1957.

POHLE, FREDERICK V., Professor of Applied Mechanics, Polytechnic Institute of Brooklyn, N. Y. 1943.

POHRTE, THEODORE W., Assistant Professor of Physics, Colorado School of Mines, Golden, Colorado. 1956.

POLANER, JEROME L., Professor and Executive Associate of Mechanical Engineering, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1941.

POLK, CHARLES, Member of the Technical Staff, RCA Laboratories, David Sarnoff Research Center, Princeton, N. J.; and Lecturer in Electrical Engineering, Graduate Division, Drexel Institute of Technology, Philadelphia, Pa. 1958.

POLK, ORVAL H., Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1946.

POLKINGHORNE, WILFRID C., Professor and Head, Dept. of Civil Engineering, Michigan College of M. & T., Houghton, Mich. 1939.

POLKOWSKI, LAWRENCE B., Project Associate, Engineering Experiment Station, University of Wisconsin, Madison, Wis. 1956.

POLLACK, HERMAN, Instructor in Manufacturing Process, Pratt Institute, Brooklyn, N. Y. 1954.

POLLARD, JAMES J., Professor of Architectural Engineering, The University of Texas, Austin, Tex. 1954.

POLLICK, HUBERT J., Instructor in Engineering, Kilgore Junior College, Kilgore, Texas. 1947.

POLLOCK, ALLEN E., Instructor in Engineering, Junior College, Kansas City, Mo. 1955.

POLONIS, DOUGLAS H., Assistant Professor of Metallurgical Engineering, University of Washington, Seattle 5, Wash. 1958.

POLOWY, HENRY, Assistant Professor of Mathematics, Stevens Institute of Technology, Hoboken, N. J. 1958.

POMEROY, GEORGE A., Instructor in Physics, Menlo College, Menlo Park, Calif. 1941.

PONDER, PAUL E., Registrar and Director of Admissions, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

POOR, JEANETTE, Librarian, College of Engineering, Cornell University, Ithaca, N. Y. 1946.

POORE, DANIEL M., Assistant Professor of Industrial Engineering, University of Pittsburgh, Pittsburgh 80, Pa. 1958.

POPE, GERALD H., Teacher in Engineering and Technology, Pueblo College, Pueblo, Colo. 1958.

POPE, LATHROP C., Associate Professor of Civil Engineering, College of the City of New York, New York City. 1937.

POPOV, EGOR P., Professor and Vice-Chairman of Chemical Engineering, University of California, Berkeley, Calif. 1947.

POPOVICH, MILOSH, Assistant Dean, Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1948.

PORSCH, J. HOWARD, Chairman of Engineering Graphics, Purdue University, Lafayette, Ind. 1929.

PORTER, ALBERT O., Dean of the College, State University of New York Maritime College, Ft. Schuyler, N. Y. 1953.

PORTER, DAVID B., Professor Emeritus of Industrial Engineering, New York University, University Heights, New York 53, N. Y. 1923.

PORTER, NORMAN, Consulting Engineer, 2488 Grand Concourse, New York, N. Y. 1947.

PORTER, RAYMOND L., Assistant Professor of Chemical Engineering, Tri-State College, Angola, Ind. 1957.

PORTER, RICHARD W., Consultant, Communication and Control, Engineering Services, General Electric Company, 570 Lexington Avenue, New York 22, N. Y. 1949.

PORTER, ROYAL A., Professor of Physics, Emeritus, Syracuse University, Syracuse 10, N. Y. *Life member.* 1908.

Posey, Chesley J., Professor of Hydraulics and Structural Engineering, Head, Dept. of Civil Engineering, State University of Iowa, Iowa City, Iowa; Director, Rocky Mountain Hydraulic Lab., Allenspark, Colo. 1931.

Poskanzer, Samuel M., Junior Building Electrical Engineer, Division of Architecture, New York State Department of Public Works, Albany, N. Y. 1954.

Poss, Ira M., Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1957.

Possamai, Richard, Instructor in Physics, Newark College of Engineering, Newark, N. J. 1957.

Posser, Fred H., Associate Professor of Mechanical Engineering, New York University, New York, N. Y. 1949.

Post, John, Manager of Industrial Relations, Continental Oil Company, Houston, Texas. 1954.

Pothier, Mathew V., Associate Professor of Civil Engineering, Ohio Northern University, Ada, Ohio. 1955.

Potter, Andrey A., Dean Emeritus of Engineering, Purdue University, Lafayette, Ind. (*President, 1924–25; Vice President, 1919–20; Member of Council, 1916–19; Thirteenth Recipient, Lamme Medal, 1940; Honorary Member, 1953.*) 1908.

Potter, James G., Professor and Head, Dept. of Physics, A. & M. College of Texas, College Station, Texas. (*Member of Council, 1947–49.*) 1935.

Potter, James H., Dean Graduate Studies and G. M. Bond Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1941.

Potter, James L., Professor and Chairman, Dept. of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1936.

Potter, Miles B., Vice President, Horris, Henry and Potter, Incorporated, Doylestown, Pa. 1945.

Potter, Orrin W., Professor Emeritus of Engineering Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. (*Life Member.*) 1926.

Potter, Philip J., Head Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1956.

Potter, Richard C., Associate Dean and Professor of Mechanical Engineering, Kansas State College, Manhattan, Kan. 1949.

Potts, Philip O., Associate Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1948.

Poucher, Mellor P., Assistant Professor of Engineering Science, University of Western Ontario, London, Ontario, Canada, 1955.

Pouliot, Adrian, Dean of the Faculty of Science, Universite Laval, Quebec, Que., Canada. 1951.

Powell, Alan, Associate Professor of Engineering, University of California, Los Angeles, Cal. 1958.

Powell, Albert P., Associate Professor of Electrical Engineering, Lafayette College, Easton, Pa. 1926.

Powell, George L., Assistant Chief Engineer, Producing Department, Standard Oil Company of California, Western Operations, Inc., Berkeley, Calif. 1957.

Powell, Knox A., Test Engineer, Minneapolis-Moline Power Implement Company, Minneapolis, Minn. 1947.

Powell, Richard O., Instructor of Mechanical Engineering, Tulane University, New Orleans, La. 1957.

Powell, Ralph W., Professor Emeritus of Engineering Mechanics, Ohio State University, Columbus, Ohio. (Home address: 4025 Oakfield Drive, Sherman Oaks, Calif.) 1922.

Power, Harry H., Professor of Petroleum Engineering, University of Texas, Austin, Tex. 1938.

Powers, Alfred Xavier, Instructor in Agricultural Engineering, University of Massachusetts, Amherst, Mass. 1954.

Powers, John E., Assistant Professor of Chemical Engineering, University of Oklahoma, Norman, Okla. 1957.

Powers, Louis J., Professor and Head of Mechanical Engineering, Texas Technological College, Lubbock, Texas. 1944.

Powers, Maston L., Director, Business and Industrial Services, Extension Division, University of Oklahoma, Norman, Okla. 1947.

Powers, Melville W., Plant Director, Pratt Institute, Brooklyn 5, N. Y. 1948.

Powers, Norman R., Instructor in Mechanics and Design, University of Buffalo, Buffalo, N. Y. 1957.

Powers, Philip N., President, Internuclear Company, Clayton, Mo. 1946.

Powley, George R., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

Prados, John W., Assistant Professor of Chemical Engineering, University of Tennessee, Knoxville 16, Tenn. 1958.

Praemassing, George N., Lecturer of Drawing, Mechanics and Design, University of Buffalo, Buffalo 14, N. Y. 1956.

Prageman, Irving H., Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1923.

Prager, Phillip C., Assistant Professor of Mechanical Engineering and Assistant Controller of Operations, Swarthmore College, Swarthmore, Pa. 1950.

Pratt, Chester J., Professor of Physics, Michigan College of Mining and Technology, Houghton, Mich. 1945.

Pratt, D. F., Director of Training, Cincinnati Milling Machine Co., Cincinnati, Ohio. 1948.

Pratt, John M., Head, Cultural Studies, General Motors Institute, Flint, Mich. 1957.

Pray, R. Ford, III, Instructor in Engineering Drawing, Syracuse University, Syracuse, N. Y. 1956.

Preator, Frederick, Professor and Head of Department of Tool Engineering, Utah State University, Logan, Utah. 1958.

Preckshot, George W., Associate Professor of Chemical Engineering, University Minnesota, Minneapolis, Minn. 1949.

Predale, John O., Associate Professor of Mechanical Engineering, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1954.

Pregel, Boris, Professor of Physics and Vice President, French University in New York, N. Y. 1951.

Preisman, Albert, Vice President in Charge of Engineering, Capital Radio Engineering Institute, 3224 16th St., N.W., Washington 10, D. C. 1943.

Prentice, Donald B., Director, Scientific Research Society of America, 54 Hillhouse Avenue, New Haven, Conn. President Emeritus, Rose Polytechnic Institute. (*President, 1940–41; Vice President, 1939–40; Member of Council, 1927–30; 1939–46.*) 1912.

Prentice, Thomas H., Associate Professor of Civil Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1936.

Prescott, Wallace S., Professor of Civil Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1949.

Pressburg, Bernard S., Professor of Chemical Engineering, Louisiana State University, Baton Rouge, La. 1953.

Preston, A. David, Technical Personnel Manager, The Chemstrand Corporation, Decatur, Ala. 1956.

Preston, Floyd W., Associate Professor of Petroleum Engineering, University of Kansas, Lawrence, Kan. 1954.

Preston, Ronald D., Associate Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1953.

Prewett, C. H., Associate Professor of Engineering, Omaha University, Omaha, Nebr. 1943.

Prian, Vasily D., Staff Engineer, Aerodynamics Department, Lockheed Missile Systems Division, Palo Alto, Calif. 1936.

Price, Arthur B., Assistant Professor of Electronics, Indiana Technical College, Fort Wayne, Ind. 1957.

Price, James T., Assistant Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1958.

Price, John R., Professor Emeritus of Electrical Engineering, University of Wisconsin, Madison 6, Wis. *Life member.* 1926.

Price, Leonard C., Professor and Head of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1931.

Price, M. Lawrence, Dean of the Faculty, Worcester Polytechnic Institute, Worcester, Mass. 1944.

Price, Philip. 1954.

Price, Reginald C., UNC-OEC APO 301, San Francisco, Cal. 1944.

Price, Robert H., Associate Professor of Physical Chemistry, Chemical Engineering, University of Cincinnati, Cincinnati, Ohio 1953.

Price, Rupert M., Assistant Dean, College of Engineering, Associate Professor, Department of Physics, University of Illinois, Chicago, Ill. 1947.

Price, Sherwood R., Associate Professor of Language, Michigan College of M. & T., Houghton, Mich. 1943.

Price, Thornton W., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1951.

Pride, James M., Special Assistant to Chief of Training and Development Division, Office of Civilian Personnel, Department of the Army, Washington 25, D. C. 1958.

Prien, Charles H., Head of Chemical Division, Denver Research Institute, University of Denver, Denver, Colo. 1941.

Pries, Lorence F., Senior Instructor of Electrical Technology, State University of New York, Agricultural & Technical Institute, Canton, N. Y. 1949.

Priester, George C., Professor Emeritus, Dept. of Mathematics and Mechanics, University of Minnesota, Minneapolis 14, Minn. *Life Member.* 1920.

Pringle, Oran A., Assistant Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1949.

Prior, John A., Associate Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia 43, Pa. 1923.

Prior, Thoburn W., Director of Training, Goodyear Tire and Rubber Company, Akron, Ohio. 1937.

Probst, George E., Executive Director of Thomas Alva Edison Foundation, New York City, N. Y. 1957.

Procter, Charles L., Mechanical Engineering Department, Washington University, St. Louis 5, Mo. 1953.

Proctor, Donald E., Instructor in Sanitary and Hydraulics, Purdue University, Department of Civil Engineering, Lafayette, Ind. 1955.

Proffitt, Russell P., Manager of College Relations, Timken Roller Bearing Company, Canton, Ohio. (Home address: 504 13th Avenue, Huntington, W. Va.) 1951.

Propps, Jennings M., Instructor in Engineering, West Virginia Institute of Technology, Montgomery, W. Va. 1956.

Prosser, Raymond A., Supervisor of Technical Education, Board of Education, Buffalo, N. Y. 1954.

Provencher, Maurice, Assistant Professor of Electricity, Ecole Polytechnique, Montreal, Canada. 1957.

Prowell, Roy W., Professor of Mechanical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1945.

Pruyn, Walter V., Community Coordinator-Administration, Spring Garden Institute, Philadelphia, Pa. 1958.

Pryor, Knight, Executive Assistant to Vice President and General Manager, Remington Rand Univac, Division of Sperry Rand Corporation, St. Paul, Minn. 1947.

Puchstein, Albert F., Consulting Engineer, Columbus, Ohio. 1928.

Puckett, Raymond B., Instructor in Technical Institute, University of Dayton, Dayton, Ohio. 1958.

Puderbaugh, Homer L., Assistant Professor of Engineering Drawing, University of Wichita, Wichita, Kan. 1956.

Pugarelli, S. Thomas, Senior Instructor in Electricity and Electronics, State Technical Institute, Hartford, Conn. 1958.

Pugh, Walter H., 156 Mahan Road, Weirton, W. Va. 1955.

Pulhamus, William R., Head of Electrical Engineering, Mohawk Valley Technical Institute, Utica, N. Y. 1957.

Pumphrey, Fred H., Dean, Engineering College, Alabama Polytechnic Institute, Auburn, Ala. (*Member of Council, 1951–53.*) 1928.

Puncochar, Robert P., Instructor in Mechanical Engineering, South Dakota State College, Brookings, S. D. 1956.

Purdie, K. S., Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1927.

Purdy, David L., Space Propulsion System Engineer, Flight Propulsion Laboratory, General Electric Company, Cincinnati 15, Ohio. 1957.

Purnell, Lee J., Professor of Electrical Engineering, Howard University, Washington, D. C. 1952.

Purnell, William B., Associate Professor of Civil Engineering, University of Houston, Houston, Texas. 1949.

Purtz, Carl F., Assistant Professor of Civil Engineering, Ohio State University, Columbus, Ohio 1951.

Purvine, Winston D., Director, Oregon Technical Institute, Klamath Falls, Ore. 1958.

Putnaerglis, Rudolph, Assistant Professor of Mechanical Engineering, McGill University, Montreal, Quebec, Can. 1958.

Putnam, Gerald, Assistant Professor of Graphics, Massachusetts Institute of Technology, Cambridge, Mass. 1944.

Putnam, Russell C., Professor of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio. 1927.

Puyear, Donald E., Graduate Assistant in Chemical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

Pyke, Donald L., Head of Technical Staff Placement, The Ramo-Wooldridge Corporation, Los Angeles, Calif. 1950.

Pyper, Gordon R., Assistant Professor of Civil Engineering, Norwich University, Northfield, Vt. 1956.

Quackenbos, H. Maxwell, Assistant Director, Development Department, Bakelite Company, Bound Brook, N. J. 1956.

Quaid, Lloyd J., Assistant Professor of Drawing, University of Minnesota, Minneapolis, Minn. 1931.

Quarles, Gilford G., Chief Scientist, Army Ordnance Missile Command, Redstone Arsenal, Huntsville, Ala. 1954.

Quarles, Lawrence R., Dean of Engineering, University of Virginia, Charlottesville, Va. 1954.

Quereau, John F., Director of Manufacturing, Leeds and Northrup Company, 4901 Stenton Avenue, Philadelphia 44, Pa. 1954.

Quick, Roy T., Engineering Control Administration, Georgia Division, Lockheed Aircraft Corp., Atlanta, Ga. 1949.

Quier, Kenneth E., Professor of Mechanical Engineering, Pratt Institute, Brooklyn 5, N. Y. 1929.

Quiett, Fredrick T., Assistant Professor of Engineering, San Diego State College, San Diego, Calif. 1957.

Quiggle, Dorothy, Research Professor of Chemistry and Chemical Engineering, Petroleum Refining Laboratory, Pennsylvania State University, University Park, Pa. 1954.

Quinn, Bayard E., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1940.

Quinn, Cleo J., Instructor in Mechanical Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

Quinsey, William E., Assistant to Director, Engineering Research Institute, University of Michigan, Ann Arbor, Mich. 1952.

Quisenberry, Roger C., Chairman of Electrical Engineering, Ohio University, Athens, Ohio. 1949.

Rabby, John W., 2532 North Prospect Avenue, Milwaukee 11, Wis. 1957.

Rabins, Michael J., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis. 1958.

Race, Edward A., Associate Professor of Mathematics, Norwich University, Northfield, Vt. 1952.

Radabaugh, Earl L., Chief Instructor, Residence School, Capitol Radio Engineering Institute, Washington, D. C. 1952.

Radasch, Arthur H., Professor and Head, Dept. of Chemical Engineering, Cooper Union, New York 3, N. Y. 1939.

Radcliffe, J. Glenn, Registrar, Tri-State College, Angola, Ind. 1948.

Rader, Lloyd F., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1925.

Rader, Louis T., General Manager, Specialty Control Division, General Electric Co., 854 Shawnee Rd., Waynesboro, Va. 1945.

Radford, Stanley S., Professor of Engineering Drawing, Tri-State College of Engineering and Commerce, Angola, Ind. 1937.

Radford, William H., Associate Director, Lincoln Laboratory, Massachusetts Institute of Technology, Lexington 73, Mass. 1943.

Radzimovsky, Eugene I., Doctor of Technical Science, Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1953.

Rae, John B., Associate Professor of History, Massachusetts Institute of Technology, Cambridge 39, Mass. 1958.

Raeder, Warren, Professor and Head, Dept. of Civil Engineering, University of Colorado, Boulder, Colo. 1938.

Ragatz, Roland A., Professor and Head of Chemical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1949–51.*) 1927.

Ragazzini, John R., Dean of Engineering, New York University, University Heights, New York 53, N. Y. 1947.

Ragland, Douglas, Chief Petroleum Engineer, Humble Oil & Refining Company, Houston, Tex. 1957.

Ragland, Richard K., Chief Industrial Engineer, Pittsburgh Plate Glass Company, Crystal City, Mo. 1956.

Ragone, David V., Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1956.

Railsback, Ora L., Head of Department of Physics, Chicago Undergraduate Division, University of Illinois, Chicago 11, Ill. 1953.

Raimondi, Thomas V., Director, Connecticut State Technical Institute, Hartford, Conn. 1957.

Rakel, Robert H., Instructor in Electrical Engineering, University of Cincinnati, Cincinnati 37, Ohio. 1957.

Raker, Paul H., Head of Mathematics Section, General Motors Institute, Flint, Mich. 1957.

Raley, Frank A., Instructor of Mechanical Engineering and Engineering Graphics, University of Minnesota, Minneapolis 14, Minn. 1954.

Ralph, John R., Engine Testing Facility, ARO, Inc., P. O. Box 162, Tullahoma, Tenn. 1950.

Ram, Gerson L., Assistant Professor in Chemistry, Newark College of Engineering, Newark, N. J. 1953.

Ramachandran, Arcot, Assistant Professor of Mechanical Engineering, Indian Institute of Science, Bangalore, India. 1956.

Ramberg, Eivind G. F., Professor of Applied Mechanics, Newark College of Engineering, Newark, N. J. 1939.

Ramer, James D., Librarian, Engineering and Physics Science Library, University of Maryland, College Park, Md. 1958.

Rammel, William G., Architect and Engineer, William G. Rammel and Associates, Fort Wayne, Ind. 1956.

Ramsaur, John C., Assistant Professor of General Engineering, Louisiana Institute of Technology, Ruston, La. 1955.

Ramsey, Howard E., Instructor, American Technical Institute, Akron, Ohio. 1958.

Ramsey, Logan C., Executive Vice President, Administration, Spring Garden Institute, Philadelphia, Pa. 1954.

Ramsey, Robert H., Head, Industrial Reference Division, College of Engineering, Pennsylvania State University, University Park, Pa. 1957.

Randolph, Hal D., Assistant Professor of Electrical Engineering, University of Miami, Coral Gables, Fla. 1958.

Rangel, Frederico, Director of Campanha Nacional de Aperfeicoamento de Pessoal de Nivel Superior (CAPES), Rio de Janeiro, Brazil. 1958.

Rankin, John R., Jr., Assistant Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1957.

Rankin, Rolfe M., Professor and Chairman of Mathematics, Missouri School of Mines, Rolla, Mo. 1950.

Ranov, Theodor, Professor of Engineering, University of Buffalo, Buffalo, N. Y. 1951.

Ransdell, Clifford H., Assistant to Dean, Basic Division and Associate Professor of **Engineering Drawing, A. & M. College of Texas, College Station, Texas. 1942.**

Rao, M. V. Rama, Assistant Professor of Engineering, San Diego State College, San Diego, Calif. 1957.

Rapalski, Joseph C., Instructor in Electrical Engineering, Purdue Calumet Campus, Hammond, Ind. 1948.

Rapp, Marvin A., Associate Executive Dean for Institutes and Community Colleges, State University of New York, Albany, N. Y. 1957.

Rappolt, Frank A., Professor and Chairman of Drafting, The City College of New York, New York, N. Y. 1940.

Rashid, Abdur, Head of Civil Engineering Department, Ahsanullah Engineering College, Ramma, Dacca, East Pakistan. 1958.

Rasmussen, Andrew A., Chairman, Dept. of Mechanical Engineering, University of Houston, Houston, Texas. 1949.

Rastrelli, Leonard U., Associate Professor and Head of Civil Engineering, University of Wichita, Wichita, Kans. 1955.

Ratcliff, Harold B., Head of Mechanical Engineering, Bradley University, Peoria, Ill. 1949.

Rath, Edwin R., Executive Vice President, National Industrial Leather Association, New York, N. Y. 1936.

Rathburn, J. Charles, Professor Emeritus of Civil Engineering, The City College of the College of the City of New York, New York 31, N. Y. *Life Member.* 1925.

Rathburn, Robert E., Professor of Architectural Engineering, University of Colorado, Boulder, Colo. 1947.

Rathe, Alex W., Associate Professor of Management Engineering, New York University, New York, N. Y. 1949.

RATLEDGE, EARL T., Instructor in Engineering Drawing and Descriptive Geometry, University of Wisconsin-Milwaukee, Milwaukee, Wis. 1956.

RATTERREE, W. B., Assistant Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Ia. 1947.

RAU, ARTHUR H., Consultant in Engineering Services, General Electric Company, Schenectady, N. Y. 1956.

RAUCH, LAWRENCE L., Professor of Instrumentation, Aeronautical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

RAUDEBAUGH, ROBERT J., Head, Ferrous Alloys Section, Research Laboratory, Inco, Bayonne, N. J. 1943.

RAUSCH, KARL W., Professor of Mechanical Engineering, Clemson College, Clemson, S. C. 1953.

RAUTALA, PEKKA, Professor of Metallurgical Engineering, Purdue University, Lafayette, Ind. 1956.

RAUTENSTRAUCH, ROBERT F., 1054 Avondale Road, South Euclid, Ohio. 1944.

RAUTENSTRAUS, ROLAND C., Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1950.

RAVEN, FRANCIS H., Assistant Professor of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1955.

RAVILLE, MILTON E., Associate Professor of Applied Mechanics, Kansas State College, Manhattan, Kan. 1955.

RAWLES, CHARLES M., Supervisor, Graduate Recruitment, Allis-Chalmers Manufacturing Company, Box 512, Milwaukee 1, Wis. 1949.

RAY, DALE C., Instructor in Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1958.

RAYFIELD, JAMES H., JR., Associate Director of Placement Services, New York University, New York 53, N. Y. 1945.

RAYMOND, JACK D., Personnel Administrator, Central Technical Department, Bethlehem Steel Company, Shipbuilding Division, Quincy 69, Mass. 1929.

RAYNER, WM. H., Professor Emeritus of Civil Engineering, University of Illinois, Urbana, Ill. (Home: 715 W. Iowa.) 1913.

RAYNES, S. HERBERT, Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1950.

RAYNOR, SEVERIN, Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1957.

RAZAK, C. KENNETH, Dean of Engineering and Director of Engineering Research, University of Wichita, Wichita, Kan. 1947.

RAZOR, CHARLES THURSTON, Head Electrical Engineering, The Citadel, Charleston, S. C. 1953.

READ, THOMAS A., Professor of Metallurgy and Head of Dept. of Mining and Metallurgy, University of Illinois, Urbana, Ill. 1952.

READIO, JOEL, Instructor in Engineering, Stockton College, Stockton, Calif. 1958.

REAL, RAYMOND V., Instructor in Engineering Mechanics, University of Nebraska, Lincoln, Neb. 1956.

REAMS, D. C., JR., Photochemistry Research, 441 El Molino Boulevard, Las Cruces, N. Mex. 1947.

REARDON, LESLIE J., Associate Professor of Civil Engineering, Case Institute of Technology, Cleveland 6, Ohio. 1944.

REASER, WILLIAM E., Assistant Secretary, American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N. Y. 1942.

REBERT, CHARLES J., Assistant Professor of Chemical Engineering, University of Southern California, Los Angeles, Calif. 1947.

RECORD, FRANK A., Engineering Specialist, Bomac Laboratories, Beverly, Mass. 1940.

REDD, WILLIAM M., JR., Engineering Dept., E. I. Du Pont de Nemours and Company, Wilmington, Del. 1951.

REDMAN, W. CHARLES, Section Head of Reactor Engineering, Argonne National Laboratories, Lemont, Ill. 1954.

REDMAN, GEORGE P., Division of Industrial Engineering, University of California, Berkeley 4, Calif. 1956.

REDMOND, PETER M., Assistant Instructor of Engineering, New York State Maritime College, Bronx 65, N. Y. 1958.

REED, ARTHUR L., Director of Industry-Education Relations, Minneapolis-Honeywell Regulator Company, 2753 Fourth Avenue, Minneapolis, Minn. 1957.

REED, DONALD S., Cooperative Coordinator of Employment, The Martin Company, Baltimore, Md. 1957.

REED, EDWARD A., Assistant Dept. Chairman, Industrial Engineering, General Motors Institute, Flint, Mich. 1951.

REED, ELDIS O., Assistant Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1948.

REED, F. EVERETT, Mechanical Engineer, Technical Operations, Inc., South Avenue, Burlington, Mass. 1949.

REED, FRED J., 1346 Connecticut Avenue, N.W., Washington 6, D. C. 1936.

REED, GEORGE A., Assistant Professor of Mechanical Engineering, Tuskegee Institute, Tuskegee, Ala. 1957.

REED, GEORGE W., Professor and Chairman of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1951.

REED, HENRY R., Professor of Electrical Engineering, University of Maryland, College Park, Md. 1958.

REED, JOHN C., Professor and Head, Dept. of Mechanical Engineering, University of Florida, Gainesville, Fla. 1929.

REED, MARION B., Associate Professor of Electrical Engineering, Louisiana State University, Baton Rouge, La. 1953.

REED, RICHARD J., Application Engineer, North American Manufacturing Company, Cleveland, Ohio. 1948.

REED, RUDDELL, JR., Associate Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1957.

REEDER, MILTON E., Associate Professor of Civil Engineering, University of Miami, Coral Gables 46, Fla. 1950.

REEKS, MARK R., Associate Professor of Mathematics, Stevens Institute of Technology, Hoboken, N. J. 1940.

REEL, MARIE F., Instructor in Electrical Engineering, Texas Agricultural and Mechanical College, College Station, Tex. 1958.

REEN, CALVIN G., Professor of Civil Engineering, The Pennsylvania State University, University Park, Pa. 1945.

REES, CARL J., Professor of Mathematics, Provost and Dean of Graduate Studies, University of Delaware, Newark, Del. 1948.

REESE, LYMON C., Associate Professor of Civil Engineering, University of Texas, Austin 12, Tex. 1950.

REESE, RAYMOND C., Consulting Engineer, P. O. Box 556, Toledo, Ohio. 1952.

REGENBRECHT, DOUGLAS E., Assistant Professor of Mechanical Engineering, University of Tulsa, Tulsa 4, Okla. 1952.

REHBERG, CHARLES F., Professor of Electrical Engineering, New York University, New York, N. Y. 1950.

REICH, HERBERT J., Professor of Electrical Engineering, Yale University, New Haven, Conn. 1934.

REICHL, RAYMOND P., Instructor in Mechanical Engineering, Marquette University, Milwaukee, Wis. 1954.

REID, CHARLES T., Director of Engineering, Northrop Aeronautical Institute, Inglewood, Calif. 1938.

REIFSNYDER, JOHN G., Associate Professor of Electrical Engineering, Lafayette College, Easton, Pa. 1952.

REILLY, JAMES J., Assistant Professor of Physics, Loyola University of Los Angeles, Los Angeles 45, Calif. 1957.

REINGOLD, HAIM, Professor and Chairman of Mathematics, Illinois Institute of Technology, Chicago, Ill. (*Member of Council, 1957–59.*) 1947.

REINHARD, PAUL M., Chairman of Engineering Graphics, University of Detroit, Detroit 21, Mich. 1953.

REINHARDT, GEORGE C., Engineer, The Rand Corporation, Santa Monica, Calif. 1953.

REINHART, WILLIAM A., Research Engineer, Transport Division, Boeing Airplane Company, Box 3707, Seattle 24, Wash. 1950.

REINSCH, BERNHARD P., Professor and Head, Department of Mathematics, Florida Southern College, Lakeland, Fla. 1931.

REINTJES, J. FRANK, Associate Professor of Communications, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

REIS, IRVIN L., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1952.

REISER, CASTLE O., Professor of Engineering, Arizona State College, Tempe, Ariz. 1946.

REISMAN, ARNOLD, Assistant Professor of Engineering, Los Angeles State College, Los Angeles, Calif. 1957.

REISSE, CHARLES W., Associate Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1956.

REITAN, DANIEL K., Associate Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1953.

REITEN, PALMER J., Associate Professor of Mechanical Engineering, University of North Dakota, Grand Forks, N. D. 1948.

REITMEYER, WILLIAM L., Assistant Instructor in Mechanics, Marquette University, Milwaukee, Wis. 1957.

REITZER, BASIL J., Assistant Professor of Chemical Engineering, Illinois Institute of Technology, Chicago 16, Ill. 1957.

REIZISS, DANIEL, Instructor in Physics, Newark College of Engineering, Newark, N. J. 1953.

REKOFF, MICHAEL G., JR., Instructor in Electrical Engineering, University of Wisconsin, Madison 5, Wis. 1958.

RELICH, NICHOLAS, Assistant Professor of Mathematics, Purdue University, Hammond, Ind. 1951.

REMDE, ALBERT O., Drafting Teacher, Waukegan Township High School, Waukegan, Ill. 1949.

REMILLARD, VICTOR P., Instructor in Engineering, Stockton College, Stockton, Calif. 1958.

REMINGTON, CHARLES, R., JR., Associate Professor of Mechanical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1953.

REMMERS, WALTER E., Vice President, Union Carbide Corporation, 30 East 42nd Street, New York, N. Y. 1957.

REMPEL, PETER J., Coordinator of General Education, State College of Washington, Pullman, Wash. 1949.

RENDA, RANDOLPH B., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1955.

RENDEL, TERENCE B., Assistant to Vice President of Manufacturing, Shell Oil Company, New York, N. Y. 1956.

RENFREW, CLINTON A., Assistant Professor of Mechanical Engineering, Norwich University, Northfield, Vt. 1949.

RENN, RAYMOND W., Associate Professor of Coordination, University of Cincinnati, Cincinnati, Ohio. 1951.

RENNAT, HARRY O., Assistant Professor of Mechanical Engineering, Colorado State University, Fort Collins, Colo. 1957.

RENOUD, HARRY R., Head of Engineering, Reedley College, Reedley, Calif. 1955.

RENSHAW, ALFRED H., Assistant Editor for Engineering Books, The Ronald Press Company, 15 East 26th Street, New York 10, N. Y. 1958.

RENWICK, DONALD J., Associate Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1941.

RENZ, ALLEN GEORGE, Instructor in Engineering Drawing, Washington University, St. Louis, Mo. 1956.

RENZI, PETER N., Assistant Professor of Engineering, State University of New York-Maritime College, Fort Schuyler, N. Y. 1954.

REPETSKI, JERRY J., Instructor in Mechanical Engineering, University of Buffalo, Buffalo, N. Y. 1957.

REPSCHA, ALBERT H., Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1933.

RESNICK, ROBERT, Associate Professor of Physics, Rensselaer Polytechnic Institute, Troy, N. Y. 1956.

RESTEMEYER, WILLIAM E., Associate Professor of Applied Mathematics, University of Cincinnati, Cincinnati, 21, Ohio. 1947.

RESWICK, JAMES B., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

RETHERFORD, ROBERT C., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1953.

RETTALIATA, JOHN T., President, Illinois Institute of Technology, Chicago 16, Ill. 1946.

RETTIG, GEORGE P., Assistant Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1947.

REX, EDWARD M., Associate Professor of Thermodynamics, U. S. Air Force Academy, Denver 8, Colo. 1957.

REX, JOHN, Lecturer in Engineering, University of California, Los Angeles, Calif. 1954.

REY, WILLIAM K., Professor of Aeronautical Engineering, University of Alabama, University, Ala. 1949.

REYES, H. R., 431 Regina Building, Escolta, Manila, Philippines. 1948.

REYES-GUERRA, DAVID R., Instructor in General Engineering, University of Illinois, Urbana, Ill. 1958.

REYHNER, THEODORE O., Professor of Civil Engineering, Chico State College, Chico, Calif. 1943.

REYNOLDS, CHARLES C., Assistant Dean and Assistant Professor of Mechanical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, New Hampshire. 1957.

REYNOLDS, DON P., Assistant to the Secretary, American Society of Civil Engineers, 33 W. 39th Street, New York 18, N. Y. 1951.

REYNOLDS, ELBERT B., JR. 1952.

REYNOLDS, KENNETH C., Professor of Civil Engineering, Head, Dept. of General Engineering, University of Southern California, Los Angeles 7, Calif. 1934.

REYNOLDS, R. WALLACE, Associate Professor and Chairman of Engineering Drawing, California State Polytechnic College, Pomona, Calif. 1949.

REYNOLDS, W. ARTHUR, Head, Building Construction, Wentworth Institute, Boston, Mass. 1956.

REYNOLDS, WILLIAM E., President, The William E. Reynolds Company, Contractors and Engineers, Dayton, Ohio. 1957.

REZEK, CHARLES W., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1956.

REZNECK, SAMUEL, Professor of History and Political Science, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

RHOADS, ROBERT B., Associate Professor of Agricultural Engineering, University of Maine, Orono, Me. 1954.

RHODES, CHARLES F., Assistant Professor of Electrical Engineering, Purdue University Extension, Hammond, Ind. 1951.

RHODES, FRED H., JR., Professor of Civil Engineering, University of Washington, Seattle, Wash. 1938.

RHODES, LELAND S., Professor Emeritus of Civil Engineering, Pennsylvania State University, University Park, Pa. (Home address: 617 Fairmount Avenue, State College, Pa.) *Life Member.* 1925.

RHODES, SAM R., **Professor and Head, Emeritus, Division of Electrical Engineering, Clemson Agricultural College, Clemson College, S. C.** *Life Member.* **1927.**

RHODES, THOMAS J., Head of Process and Mechanical **Development, U. S. Rubber Co., Passaic, N. J. 1943.**

RICARDO, LOUIS A., Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1957.

RICCIO, ROBERT A., Assistant Professor of Humanities, Departmental Chairman, College of Agriculture and Mechanic Arts, University of Puerto Rico, Mayaguez, P. R. 1958.

RICE, ELBERT F., Professor of Civil Engineering, University of Alaska, College, Alaska. 1949.

RICE, **HAROLD S., Instructor and Head, Dept. of Mathematics, Wentworth Institute, Boston, Mass. 1951.**

RICE, HARRIS, Professor of Mathematics, Worcester Polytechnic Institute, Worcester 2, Mass. 1919.

RICE, HARRY T., Coordinator of Professional Employment, Esso Standard Oil Company, Linden, N. J. 1957.

RICE, **PAUL P., Associate Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1949.**

RICE, **PERCIVAL S., Associate Professor of Civil Engineering, Tufts University, Medford, Mass. 1947.**

RICE, **PHILIP X., Associate Professor of Electrical Engineering, The Pennsylvania State University, University Park, Pa. 1931.**

RICE, ROBERT B., Professor (on leave), North Carolina State College, Raleigh, N. C. 1956.

RICE, WARREN, Associate Professor of Engineering Science, Arizona State College, Tempe, Ariz. 1951.

RICH, **JOSEPH A., JR., Associate Professor of Management Engineering, Newark College of Engineering, Newark, N. J. 1955.**

RICH, ELLIOT, Associate Professor of Civil Engineering, Utah State University, Logan, Utah. 1951.

RICH, **LINVIL G., Associate Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1957.**

RICH, LUCIEN L., Assistant Professor of Mechanical Engineering, Howard University, Washington, D. C. 1957.

RICHARD, CONRAD P., Instructor, New Bedford Institute of Technology, New Bedford, Mass. 1957.

RICHARDS, **ALVIN M., JR., Associate Professor of Civil Engineering, University of Akron, Akron, Ohio. 1953.**

RICHARDS, **CEDRIC W., Assistant Professor of Civil Engineering, Stanford University, Stanford, Calif. 1951.**

RICHARDS, **GEORGE R., Chairman, Economics, Industrial Commerce Dept., Milwaukee School of Engineering, Milwaukee, Wis. 1953.**

RICHARDS, WILLIAM L., Associate Professor of Civil Engineering, Cornell University, Ithaca, New York. 1955.

RICHARDSON, ARCHIE M., JR., 10 E. Wyoming Ave., Melrose, Mass. 1957.

RICHARDSON, **ARMAND, Associate Professor of Electrical Engineering, A. & T. College of North Carolina, Greensboro, N. C. 1952.**

RICHARDSON, **DONALD E., Senior Physicist, Physics Research, Armour Research Foundation, Illinois Institute of Technology, Chicago 16, Ill. 1929.**

RICHARDSON, GLEN A., Professor and Head of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1954.

RICHARDSON, **LOUIS A., Professor of Architectural Engineering, Pennsylvania State University, University Park, Pa.** (*Member of Council, 1956–.*) **1950.**

RICHARDSON, MARION B., **Professor and Chairman of Industrial Engineering, North Dakota State College, Fargo, N. D. 1948.**

RICHARDSON, NEAL A., Assistant Engineer, University of California, Los Angeles, Calif. 1954.

RICHARDSON, RICHARD L., Associate Professor of General Engineering, Oregon State College, Corvallis, Ore. 1950.

RICHARDSON, WALLACE J., Associate Professor of Industrial Engineering, Lehigh University, Bethlehem, Pa. 1956.

RICHEY, EUGENE P., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1956.

RICHMAN, EUGENE, c/o United States Embassy, Tel Aviv, Israel. 1952.

RICHMOND, ADDISON E., Professor and Head of Civil Engineering, Howard University, Washington, D. C. 1931.

RICHMOND, ALLEN P., JR., 36 Elmwood Avenue, South Norwalk, Conn. 1946.

RICHMOND, WILLIAM OSBORN, Head, Department of Mechanical Engineering, University of British Columbia, Vancouver, B. C. 1955.

RICHTER, GEORGE B., Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1953.

RICHTER, JERRY G., Assistant Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1953.

RICHTMANN, WILLIAM M., Professor and Head of Mechanical Engineering, Colorado School of Mines, Golden, Colo. (*Member of Council, 1956–58.*) 1938.

RICKARD, CORWIN L., 510 Glencrest Drive, Solana Beach, Calif. 1926.

RICKER, CLAIRE W., Professor Emeritus of Electrical Engineering, Tulane University, New Orleans, La. *Life Member.* 1921.

RICKER, FRANCIS J., Senior Electronics Engineer, The Foxboro Company, Foxboro, Mass. 1953.

RICKETTS, BERNARD G., Professor of Metallurgical Engineering, University of Illinois, Urbana, Ill. 1957.

RICKETTS, LUTHER WELLS, Instructor in Electrical Engineering, University of Illinois, Urbana, Ill. 1953.

RIDEOUT, VINCENT C., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1954.

RIDDLE, KENNETH W., Dean of Evening College, Drexel Institute of Technology, Philadelphia, Pa. (*Member of Council, 1957–59.*) 1937.

RIEBETH, THEODORE J., Associate Professor and Director of Engineering Graphics, Marquette University, Milwaukee 3, Wis. 1943.

RIEDEL, JOHN K., Instructor in Mechanics, United States Air Force Academy, Denver, Colo. 1958.

RIES, HAROLD C., Engineer, Process, Engineer-Dept., Shell Development Co., Emeryville, Calif. 1950.

RIESE, RUSSELL L., Professor of Engineering, Arizona State College, Tempe, Ariz. 1958.

RIETZ, GEORGE A., Manager Educational Program Development, General Electric Co., 570 Lexington Ave., New York 22, N. Y. 1948.

RIETZKE, **EUGENE H., President, Capitol Radio Engineering Institute, 3224 16th St., N.W., Washington, D. C. 1943.**

RIGGS, BERNARD M., Instructor in Mathematics, Jackson Junior College, Jackson, Mich. 1954.

RIGHTS, ROBERT M., Instructor in Engineering Drawing, Newark College of Engineering, Newark, N. J. 1957.

RILEY, THOMAS M., Lecturer in Electrical Engineering, Northwestern University, Evanston, Ill. 1953.

RIMBOI, NICHOLAS R., **Director, Technical Institute, Fenn College, Cleveland, Ohio. 1947.**

RINEHART, HERBERT W., **Manager, Personnel, Research Division, Textile Fibers Department, E. I. duPont de Nemours & Co., Wilmington, Del. 1941.**

RING, RALPH S., Instructor in Engineering Drawing, Kansas University, Lawrence, Kans. 1954.

RINGE, DONALD A., Assistant Professor of English, University of Michigan, Ann Arbor, Mich. 1956.

RINGELSPAUGH, JOHN H., Instructor in Apprentice Division, Henry Ford Community College, Dearborn, Mich. 1958.

RINGO, BOYD C., Assistant Professor of Civil Engineering, Michigan State University, East Lansing, Mich. 1955.

RIORDAN, FRANK S., Area Superintendent, The Chemstrand Corporation, Pensacola, Fla. 1958.

RIPKEN, JOHN F., Professor of Hydromechanics, University of Minnesota, Minneapolis, Minn. 1949.

RIPLEY, JULIEN A., R.D. No. 3, Carlisle, Pa. 1951.

RISING, EDWARD J., Instructor in Mechanics and Hydraulics, State University of Iowa, Iowa City, Iowa. 1952.

RISING, JAMES S., Professor and Head, Engineering Graphics, Iowa State College, Ames, Ia. 1945.

RISING, JUSTUS, Professor of Graphics, Purdue University, Lafayette, Ind. 1926.

RISSE, ROBERT F., Assistant Professor of Engineering, Los Angeles State College, Los Angeles, Calif. 1957.

RISSER, ARTHUR C., Head, Engineering Drawing, University of Wichita, Wichita, Kans. 1955.

RITCHEY, JOHN A., Associate Professor of Industrial Engineering, Purdue University, West Lafayette, Ind. 1957.

RITCHIE, CLARK A., Mechanical Engineer, Civil Service, Kirtland Air Force Base, N. M. 1949.

RITCHIE, MARGUERITE, Engineering and Physical Sciences, Librarian, University of Maryland, College Park, Md. 1951.

RITLAND, HUBERT O., Professor and Director of Engineering, Idaho State College, Pocatello, Idaho. 1947.

RITTENHOUSE, JOSEPH W., Technical Director, Hi Voltage Equipment Co., Cleveland, Ohio. 1951.

RITTENHOUSE, L. H., Professor of Electrical Engineering, Emeritus, Haverford College, Haverford, Pa. *Life member.* 1906.

RITTER, IRVING F., Professor of Mathematics, New York University, New York 53, N. Y. 1938.

RITTER, ROBERT LOUIS, Assistant Professor, Engineering Drawing, Marquette University, Milwaukee, Wis. 1953.

RITTERSHAUS, FRED J., Assistant in Civil Engineering Department, South Dakota State College, Brookings, S. Dak. 1958.

RIVARD, EPHRAIM P., Associate Professor of Mathematics, United States Coast Guard Academy, New London, Conn. 1949.

RIVELAND, ARVIN R., Assistant Professor of Civil Engineering, University of Nebraska, Lincoln, Neb. 1949.

RIVERS, GORDON E., Professor and Head of Manufacturing Process, Wayne State University, Detroit, Mich. (c/o U. S. Embassy, Bangkok, Thailand.) 1954.

RIZZI, ANTHONY V., President, Carbro Construction Corporation, 167 Meadbrook Road, Garden City, Long Island, N. Y. 1940.

ROARK, IVAN W., Associate Professor of Engineering Drawing, University of Tulsa, Tulsa, Okla. 1953.

ROARK, RAYMOND J., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1919.

ROBBINS, FLOYD D., Associate Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1948.

ROBBINS, JAMES M., Professor of Civil Engineering, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1957.

ROBBINS, LONNIE J., Lecturer in Industrial Engineering, University of Southern California, Los Angeles, Calif. 1957.

ROBBINS, PAUL H., Executive Director, National Society of Professional Engineers, 2029 K St., Washington 6, D. C. 1939.

ROBEL, STEPHEN B., Assistant Professor of Mechanical Engineering, Seattle University, Seattle, Wash. 1955.

ROBERGE, DENIS, Instructor in Engineering Drawing, College Militaire Royal de St. Jean, St. John, Quebec, Canada. 1958.

ROBERSON, JOHN A., Assistant Professor of Civil Engineering, Washington State College, Pullman, Wash. 1951.

ROBERT, JAMES M., Dean Emeritus of Engineering, Tulane University, New Orleans, La. (608 Beech Boulevard, Waveland, Miss.) *Life Member.* 1922.

ROBERTS, CHARLES P., Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1926.

ROBERTS, DAVID G., Captain, U. S. Navy Retired, Product Engineering, General Motors Institute, Flint, Mich. 1955.

ROBERTS, DONALD S., Manager, Employee Relations, Chemical Processing Department, General Electric Company, Richland, Wash. 1956.

ROBERTS, EDWARD N., Instructor in Civil Engineering, University of Arizona, Tucson, Ariz. 1958.

ROBERTS, J. KENT, Professor of Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1950.

ROBERTS, JEAN M., Professor of Electrical Engineering, University of Virginia, Charlottesville, Va. 1958.

ROBERTS, JOSEPH K., Vice President, Research and Development, Standard Oil Company of Indiana, 910 South Michigan Avenue, Chicago, Ill. 1949.

ROBERTS, JOSEPH L., Instructor in Mechanical Engineering, New Bedford Institute of Technology, New Bedford, Mass. 1956.

ROBERTS, JUNE, Professor and Chairman of Agricultural Engineering, State College of Washington, Pullman, Wash. (*Member of Council, 1957–.*) 1947.

ROBERTS, MARCUS D., Associate Professor of Industrial Technology, Purdue University, Lafayette, Ind. 1949.

ROBERTS, MILNOR, Dean, Emeritus, School of Mineral Engineering, University of Washington, Seattle 5, Wash. 1910.

ROBERTS, WILLIAM H., Technician in Physics, Purdue University Extension, 4832 Carvel Avenue, Indianapolis Ind. 1949.

ROBERTS, WILLIAM H., JR., Senior Engineer in Systems Development, Carrier Corporation, Syracuse, N. Y. 1949.

ROBERTSON, BURTON J., Professor of Mechanical Engineering, Emeritus, University of Minnesota, Minneapolis 14, Minn. *Life member.* (*Member of Council, 1946–48; Vice President, 1947–50.*) 1922.

ROBICHAUD, EMILE, Professor of Engineering Drawing, College Militaire Royal de St-Jean, St-Jean, Quebec, Canada. 1956.

ROBICHAUD, REYNOLD F., Coordinator, University of Detroit, Detroit, Mich. 1956.

ROBINSON, DALE C., Instructor in Mechanical Technology, State Technical Institute, Hartford, Conn. 1958.

ROBINSON, DONALD W., Dean of Students, Indiana Technical College, Fort Wayne, Ind. 1957.

ROBINSON, DUDLEY H., Chairman, Division of Physical Sciences, San Diego State College, San Diego 15, Calif. 1952.

ROBINSON, JOHN A., Secretary of Bridgeport Engineering Institute, Bridgeport, Conn. 1955.

ROBINSON, MAX B., Dean of Cooperative Education, Fenn College, Cleveland 15, Ohio. (*Member of Council, 1949–51.*) 1915.

ROBINSON, OTTO L., Box 247, Northbrook, Ill. 1941.

ROBISON, WENDALL C., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Neb. 1952.

Robley, Asa A., Associate Professor, Industrial Engineering and Industrial Arts, Oregon State College, Corvallis, Ore. 1946.

Robley, Grant, Associate Dean, Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1949.

Robohn, Walter F., Assistant Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1953.

Robson, Fred B., Instructor, Technical School, Oklahoma City University, Oklahoma City, Okla. 1942.

Rochefort, John S., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1956.

Rochte, Newton C., Director, University Junior College, University of Toledo, Toledo, Ohio. 1957.

Rockefeller, Robert W., Assistant Director, Chrysler Institute of Engineering, Detroit, Mich. 1954.

Rockwell, Thomas H., Assistant Professor of Industrial Engineering, Ohio State University, Columbus 10, Ohio. 1956.

Rode, Norman F., Professor of Electrical Engineering, Texas A. & M. College, College Station, Texas. (*Member of Council, 1952–54.*) 1936.

Rodes, Harold P., President, Bradley University, Peoria, Ill. (*Member of Council, 1953–55.*) 1944.

Rodgers, Eric, Dean of Graduate School, University of Alabama, University, Ala. 1955.

Rodman, George E., Supervisor, Education and Training, Commonwealth Edison Co., 72 W. Adams St., Chicago 90, Ill. 1944.

Rodrigues, Anthony F., Assistant Professor of Engineering, San Jose State College, San Jose, Calif. 1957.

Rodriguez-Arias, Jorge H., Professor and Chairman, Agricultural Engineering Dept., University of Puerto Rico, Mayaguez, P. R. 1948.

Roebuck, Isaac F., Jr., Petroleum Engineer, Core Laboratories, Inc., Dallas, Tex. 1957.

Roediger, Frederick E., Manager, Production Test Department, Raytheon Manufacturing Company, West Acton, Mass. 1948.

Roemmele, Herbert F., Professor of Placement and Alumni Relations, The Cooper Union, New York 3, N. Y. 1927.

Roever, Frederick H., Engineering Staff Administrator, McDonnell Aircraft Corporation, Box 516, St. Louis 3, Mo. 1943.

Rogers, Barrett, General Manager and Secretary, National Fluid Power Association, 1618 Orrington Avenue, Evanston, Ill. 1956.

Rogers, Charles C., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1958.

Rogers, Clarence J., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1948.

Rogers, E. de Lancey, Instructor in Engineering Physics, City College of San Francisco, San Francisco, Calif. 1958.

Rogers, Franklyn C., Associate, Harza Engineering Company, Chicago, Ill. 1944.

Rogers, Frederick W., Associate Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio. 1948.

Rogers, Grover L., Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1954.

Rogers, H. Barrett, Executive Secretary, National Fluid Power Association, Evanston, Ill. 1956.

Rogers, H. Barrett, Professor of Industrial Management, School of Commerce, Northwestern University, Evanston, Ill. 1940.

Rogers, Hugh F., Instructor in Engineering Drawing, Ohio University, Athens, Ohio. 1958.

Rogers, Phil H., Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

Rogers, Willard L., Associate Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1945.

Rogers, William B., Assistant Professor of Military Topography and Graphics, United States Military Academy, West Point, N. Y. 1949.

Rogers, William W., Professor and Head of Mechanical Technology, State University Agriculture and Technical Institute, Farmingdale, Long Island, N. Y. 1945.

Rogness, Milton L., Assistant Professor of Engineering Drawing, Iowa State College, Ames, Iowa. 1958.

Rogowski, Augustus R., Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

Rohlich, Gerard A., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1938.

Rohr, William F., Retired Instructor in Engineering Drawing, Woodward High School, Toledo, Ohio. 1948.

Rohr, William G., Assistant Maintenance Engineer, Libbey-Owens-Ford Glass Company, Toledo, Ohio. 1948.

Rohrer, Wesley M., Jr., Associate Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

Rohrman, Frederick A., Superintendent Scientist, United States Navy Mine Defense Laboratory, Panama City, Fla. 1946.

Rohsenow, Warren M., Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1955.

Roland, Hall C., Instructor in Mathematics and Science, Freed-Hardman College, Henderson, Tenn. 1956.

Roldan-Gallardo, David, Technical Director, Industrias Unidas of South America, Mexico City, Mexico. 1957.

Rollins, Edwin B., Professor of Electrical Engineering, Emeritus, Tufts University, Somerville 44, Mass. *Life Member.* 1912.

Rollins, John P., Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1950.

Rollins, Ralph L., Professor of Civil Engineering, Brigham Young University, Provo, Utah. 1958.

Romanowitz, Harry Alex, Professor and Head, Dept. of Electrical Engineering, University of Kentucky, Lexington, Ky. 1943.

Romeo, Albert, Instructor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1955.

Romer, I. Carl, Jr., Combustion Evaluation Engineeer, Combustion Operation, Flight Propulsion Laboratory, General Electric Company, Cincinnati 18, Ohio. 1955.

Romualdi, James P., Assistant Professor in Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1958.

Roney, Maurice W., Associate Professor of Technical Institute, Acting Director, Pakistan Technical Institute Program, Oklahoma State University, Stillwater, Okla. 1956.

Rook, Gustav, Associate Professor of Drawing, Chairman of Machine Drawing, Northeastern University, Boston, Mass. 1948.

Rooney, Walter R., Chief, Scientific Education, National Security Agency, Washington, D. C. 1955.

Roop, Frank S., Jr., Instructor in Mechanical Engineering, Michigan State University, East Lansing, Mich. 1946.

Root, James A., 13 Iroquois Avenue, Essex Jet, Vt. 1949.

Root, Ralph E., Professor Emeritus of Mathematics and Mechanics, United States Naval Postgraduate School, Monterey, Calif. (Home address: 7 Franklin Avenue, Annapolis, Md.) *Life Member.* 1914.

Roper, Kenneth H., Captain, Air Force Ballistic Missile Division, Los Angeles, Calif. 1956.

Roppolo, Joseph P., Associate Professor of English, Tulane University, New Orleans, La. 1952.

Roscoe, Edwin S., Associate Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1948.

ROSE, AARON, Director, Texas Engineering Experiment Station, Texas Agricultural and Mechanics College System, College Station, Tex. 1958.

ROSE, ARTHUR, Professor of Chemical Engineering, Pennsylvania State University, University Park, Pa. 1953.

ROSE, FRANK E., Teacher in Sciences, General Motors Institute, Flint, Mich. 1957.

ROSE, KENNETH E., Professor. Dept. of Mining and Metallurgical Engineering, University of Kansas, Lawrence, Kans. 1947.

ROSE, LOUIS H., Head, Dept. of Electrical Engineering, University of Dayton, Dayton, Ohio. 1937.

ROSE, MINARD F., Professor of Mathematics and Mechanics, Tri-State College, Angola, Ind. 1948.

ROSE, NICHOLAS J., Associate Professor of Mathematics, Stevens Institute of Technology, Hoboken, N. J. 1949.

ROSE, ROBERT L., Research Consultant. (Home: 324 S. Maple Ave., Oak Park, Ill.) 1945.

ROSENBERG, MERTON I., Instructor in Electrical Engineering, University of Massachusetts, Amherst, Mass. 1958.

ROSEBRAUGH, VERNON H., Associate Professor of Civil Engineering, Kansas State College, Manhatten, Kans. 1952.

ROSENSTEIN, ALLEN B., Lecturer in Engineering, University of California, Los Angeles, Calif. 1949.

ROSENTHAL, DANIEL, Professor of Engineering, University of California at Los Angeles, Calif. 1947.

ROSENTHAL, PHILIP C., Chairman of Mining and Metallurgy, University of Wisconsin, Madison, Wis. 1949.

ROSENTHAL, SAUL W., Research Assistant Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1957.

ROSS, FREDERICK W., Chairman of Aero Dynamic and Flight Mechanic, Solar Aircraft Co., Delmar, Calif. 1952.

ROSS, JAMES B., Manager of College Department, Reinhold Book Division, 430 Park Ave., New York 22, N. Y. 1958.

ROSS, RALPH M., Professor of Mathematics, Rose Polytechnic Institute, Terre Haute, Ind. 1948.

ROSSELOT, GERALD A., Associate Director, Administrative, Research Laboratories Division, Bendix Aviation Corporation, P. O. Box 5115, Detroit 35, Mich. 1943.

ROSSER, HARLEY I., Educational Supervisor, Chrysler Institute of Engineering, Chrysler Corporation, Detroit, Mich. 1956.

ROSSI, BONIFACE E., Editor, The Welding Journal, American Welding Society, R.F.D. 3, Weston, Georgetown, Conn.

ROSSINI, FREDERICK D., Silliman Professor and Head of Chemistry and Director Petroleum Research Laboratory, Carnegie Institute of Technology, Pittsburgh, Pa. 1950.

ROSTRON, CHARLES R., Assistant Professor of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1957.

ROTH, SIDNEY, G., Associate Professor of Mathematics, Coordinator of Research Services, New York University, Washington Square, New York 3, N. Y. 1942.

ROTHAUGE, CHARLES H., Professor of Electrical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1951.

ROTHBART, HAROLD A., Assistant Professor of Mechanical Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1948.

ROTHERMEL, U. AMEL, Assistant Professor of Mechanical Engineering, City of New York, New York 16, N. Y. 1957.

ROTHFUS, ROBERT R., Associate Professor of Chemical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1953.

ROTTY, RALPH M., Professor and Head of Mechanical Engineering, Tulane University, New Orleans 18, La. 1951.

ROUILLION, L. H., Director, Mechanics Institute, 20 West 44th St., New York 18, N. Y. 1948.

ROUNTREE, HARRY C., Head Technical Institutes, Purdue University, Lafayette, Ind. 1948.

ROUSE, HUNTER, Professor of Fluid Mechanics and Director, Institute of Hydraulic Research, State University of Iowa, Iowa City, Iowa. *Third Recipient, George Westinghouse Award (1948). Third Recipient, Vincent Bendix Award, 1958.* 1948.

ROVELSTAD, HOWARD, Professor of Library Science and Director of Libraries, University of Maryland, College Park, Md. 1948.

ROWAN, WILLIAM H., Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1946.

ROWE, ALAN J., Consultant, Materials Services Department, General Electric Company, New York, N. Y. 1951.

ROWE, ALBERT A., Assistant Professor of Mechanical Engineering, Stanford University, Stanford University, Calif. 1947.

ROWE, CHARLES E., Professor of Drawing, University of Texas, Austin 12, Tex. 1935.

ROWE, ROBERT S., Professor and Chairman of Civil Engineering, Duke University, Durham, N. C. 1951.

ROWEN, WILLIAM I., Assistant Instructor in Engineering, State University of New York, Maritime College, Bronx 65, N. Y. 1958.

ROWLAND, WALTER F., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1958.

ROWLANDS, THOMAS M., Professor of General Engineering, University of Washington, Seattle, Wash. 1947.

ROWLEY, FRANK B., Professor Emeritus of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. (Home: 4141 Meadowbrook Lane, Apt. 225.) *Life Member.* 1910.

ROWLEY, GEORGE S., Assistant Professor of Mathematics and Science, Tri-State College, Angola, Ind. 1956.

ROY, FRANCIS C., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1956.

ROY, LELAND F., Professor of Chemical Engineering, University of Mississippi, University, Miss. 1958.

ROY, ROBERT H., Professor and Chairman of Industrial Engineering and Dean of Engineering, Johns Hopkins University, Baltimore, Md. 1949.

ROYS, CARL S., Professor and Head of Electrical Engineering, University of Massachusetts, Amherst, Mass. 1957.

ROYS, FRANCIS W., Dean Emeritus, Vice-President and Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925.

ROYS, PERRY F., Director of State Planning Board, Helena, Mont. 1949.

ROYSTER, RICHARDS S., Assistant Professor of General Engineering, University of Illinois, Navy Pier, 14 East Brayton Street, Chicago 28, Ill. 1953.

RUBEL, JOHN H., Lecturer in Engineering, University of California, Los Angeles, Calif. 1954.

RUBEY, HARRY, Professor Emeritus of Civil Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1932–35.*) *Life Member.* 1917.

RUBIN, LLEWELLYN A., Instructor in Electrical Engineering, The George Washington University, Washington, D. C. 1956.

RUBINSKY, STANLEY, Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1950.

RUBLE, GEORGE B., Instructor in Electrical Engineering, Rutgers University, New Brunswick, N. J. 1957.

RUDDOCK, BENJAMIN J., Heat Transfer, Department of Science, General Motors Institute, Flint, Mich. 1957.

RUDOY, WILLIAM, Associate Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1956.

RUEVE, STEPHEN J., Regent, Philosophy, Marquette University, Milwaukee, Wis. 1955.
RUFF, PAUL F., Assistant Professor of Engineering, Arizona State College, Tempe, Ariz. 1958.
RUHL, ROBERT C., Dean of Engineering, Indiana Technical College, Ft. Wayne, Ind. 1943.
RULE, JOHN T., Dean of Students, Massachusetts Institute of Technology, Cambridge, Mass. 1940.
RULEY, BRYCE, Supervisor of Applied Mechanics, New Departure Division, General Motors Corporation, Bristol, Conn. 1946.
RUMBLE, CHESTER A., Head of Physics, Simpson College, Indianola, Iowa. 1948.
RUMER, RALPH R., JR., Instructor in Civil Engineering, Rutgers University, New Brunswick, N. J. 1957.
RUMMEL, PAUL K., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.
RUMPF, JOHN L., Instructor in Civil Engineering, Lehigh University, Bethlehem, Pa. 1953.
RUMPS, PAUL P., JR., Instructor in Chemical Engineering, University of Detroit, Detroit, Mich. 1956.
RUNDELL, HERBERT A., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Tex. 1955.
RUNG, THOMAS J., In Charge, Division Short Courses and Terminal Instruction, Pennsylvania State University, University Park, Pa. 1952.
RUNKLE, LLOYD D., Section Head, Development Department, General Mills, Incorporated, 2003 East Hennepin Avenue, Minneapolis 13, Minn. 1948.
RUPTASH, JOHN, Professor of Aeronautical Engineering, University of Wichita, Wichita, Kan. 1955.
RUSHTON, JOHN H., Professor, Dept. of Chemical Engineering, Purdue Univ., W. Lafayette, Ind. (*Member of Council. 1950–52.*) 1935.
RUSINOFF, SAMUEL E., Professor of Mechanical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.
RUSS, EDWARD G., Instructor in Civil Engineering, Ohio University, Athens, Ohio. 1953
RUSS, JOHN M., Professor and Head, Dept. of Engineering Drawing, State University of Iowa, Iowa City, Iowa. 1924.
RUSS, RICHARD B., Professor of Electrical Engineering, Union College, Schenectady 8, N. Y. 1951.
RUSSELL, CHESTER, President, Michigan Shore Lumber and Supply Company, 423 Phoenix, South Haven, Mich. 1930.
RUSSELL, FREDERICK A., Professor and Acting Chairman of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1922.
RUSSELL, FRED D., Instructor in Engineering, Arizona State College, Tempe, Ariz. 1958.
RUSSELL, GORDON M., Associate Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.
RUSSELL, JOHN B., Manager of Electronics Laboratory, General Electric Company, Syracuse, N. Y. 1952.
RUSSELL, LOU L., Director, Placement and Field Relations, University of Houston, Houston, Tex. 1950.
RUSSELL, PAUL E., Professor and Head of Electrical Engineering, University of Arizona, Tucson, Ariz. 1951.
RUSSELL, RALSTON, JR., Professor of Ceramic Engineering, The Ohio State University, Columbus 10, Ohio. 1946.
RUSSELL, ROLLIN M., Vice President, Sales, Hughes Aircraft Company, Building 1, Room 228, Culver City, Calif. 1949.
RUST, CHARLES H. S.J., Associate Professor of Mathematics, Loyola University, Chicago 26, Ill. 1953.
RUST, HOWARD O., Assistant Director of Engineering Manufacturing Process, University of Kansas, Lawrence, Kans. 1951.
RUTEN, WILLIAM H., Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn 2, N. Y. 1938.
RUTLAND, JASPER L., Assistant Professor of Civil Engineering, The Citadel, Charleston, S. C. 1953.
RUTLAND, LEON W., Associate Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1948.
RUTLEDGE, HENRY G., Head of Mathematics, Evening College, Drexel Institute of Technology, Philadelphia, Pa. 1953.
RUTZ, LENARD O., Assistant Professor of Chemical Engineering, State University of Iowa, Iowa City, Iowa. 1958.
RYAN, DAVID G., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1941.
RYAN, DONALD P., Assistant Professor of General Engineering, San Jose State College, San Jose, Calif. 1958.
RYAN, JAMES J., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1943.
RYAN, JAMES L., Dean of Engineering, Saint Mary's University, Halifax, Nova Scotia, Canada. 1958.
RYAN, MORDICA M., Dean of Academic Administration, Lawrence Institute of Technology, Detroit, Mich. 1947.
RYAN, NORMAN W., Associate Professor of Chemical Engineering, University of Utah, Salt Lake City, Utah. 1956.
RYAN, PHILIP H., Assistant Professor of Engineering Mathematics, University of Virginia, Charlottesville, Va. 1957.
RYAN, WILLIAM F., Retired, 33 Chesterfield Road, West Newton 65, Mass. 1949.
RYCKMAN, DEVERE W., Professor of Civil Engineering, Washington University, St. Louis, Mo. 1949.
RYCKMAN, SEYMOUR J., Professor of Civil Engineering, University of Maine, Orono, Maine. 1958.
RYDER, JOHN D., Dean of Engineering, Michigan State University, East Lansing, Mich. 1941.
RYDER, KENNETH G., Dean of Administration, Northeastern University, Boston 15, Mass. 1958.
RYERSON, FRANK E., JR., Engineering English, Michigan State University, East Lansing, Mich. 1953.
RYMERS, PHILIP C., Assistant Professor of Engineering Mechanics, University of Toledo, Toledo, Ohio. 1955.
RYON, LEWIS B., Professor and Head, Department of Civil Engineering, Rice Institute, Houston 1, Texas. 1925.
RYSKIEWICH, BERNARD S., 307 High Street, Pawtucket, R. I. 1955.
SAAD, MICHEL A., P.O. Box 2258, Beirut, Lebanon. 1947.
SABBAGH, ELIAS M., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1930.
SABTO-AGAMI, JACOB C., Lecturer in Electrical Engineering, City College of New York, New York, N. Y. 1957.
SACHS, JEROME M., Assistant Dean in Charge, Chicago City Junior College, Chicago, Ill. 1958.
SACKETT, ROSS, Editor of College Department, Charles E. Merrill Books, Inc., 1300 Alum Creek Drive, Columbus 16, Ohio. 1958.
SAEMANN, JESSE C., JR., Associate Professor of Mechanics, University of Wisconsin, Madison, Wis. 1957.
SAGE, ANDREW P., JR., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1956.
SAGEN, GEORGE O., Chairman, Science Dept., Bakersfield College, Bakersfield, Calif 1934.
SAHAG, LEON M., Head Professor of Engineering Drawing and Design, Alabama Polytechnic Institute, Auburn, Ala. 1927.
SAIDLA, LEO E. A., Professor and Head, Dept of English, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1944.

Sailor, Samuel, Assistant Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1953.

Sakaly, John E., Assistant Professor of Mechanical Engineering, Loyola University of Los Angeles, Los Angeles, Calif. 1954.

Sakshaug, Thomas M., Associate Professor of Mechanical Engineering, North Dakota State College, Fargo, N. D. 1954.

Salamon, Robert G., Executive Associate and Assistant Professor of Engineering Drawing, Newark College of Engineering, Newark, N. J. 1953.

Sale, Clarence M., Assistant Professor of Mechanical Engineering, Southern Methodist University, Dallas, Tex. 1952.

Saline, Lindon E., Regional Manager-Headquarters Recruiting, General Electric Company Building 69, Schenectady, N. Y. 1955.

Salma, Emanuel A., Associate Professor of Mechanical Engineering, New York University, New York 53, N. Y. 1930.

Saltmarsh, Viola, Director of Placement, Tufts University, Medford, Mass. 1949.

Salvatore, Joseph, Research Assistant, Control Systems Laboratory, University of Illinois, Urbana, Ill. 1957.

Salzarulo, Leonard M., Instructor in Chemical Engineering, Newark College of Engineering, Newark, N. J. 1954.

Samek, Joseph N., Section Chief Engineering Instruction, New York Graduate Engineering Training Center, Western Electric Company, Inc., 10 Columbia Circle, 19th Floor, New York 19, N. Y. 1957.

Sampson, James P., Assistant Professor of Architectural Engineering, University of Miami, Miami 55, Fla. 1957.

Sampson, Martin W., Associate Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1941.

Sampson, Roger W., 388 Paseode Gracia, Redondo Beach, Calif. 1951.

Sams, James H., Dean of Engineering and Professor of Mechanical Engineering, Clemson A. & M. College, Clemson, S. C. 1946.

Samson, Charles H., Jr., Project Aerodynamics Engineer, Convair, Ft. Worth, Tex. 1954.

Samuels, J. Clifton, Assistant Professor of Engineering Sciences, Purdue University, Lafayette, Ind. 1958.

Sanchez, Juan H., Professor and Head of General Engineering, University of Puerto Rico, Mayaguez, P. R. 1947.

Sanchez-Diaz, Rafael, Professor and Head, Dept. of Mathematics, New Mexico Institute of Mining and Technology, Socorro, N. M. 1948.

Sanders, Charles G., Assistant Professor of Engineering Drawing, Iowa State College, Ames, Iowa. 1951.

Sanders, John C., Professional Personnel Administrator, Boeing Airplane Company, P. O. Box 3707, Seattle 24, Wash. 1954.

Sanders, John P., Associate Professor of Chemical Engineering, University of Arkansas, Fayetteville, Ark. 1958.

Sanders, Victor D., Assistant Engineer, University of California, Los Angeles, Calif. 1954.

Sanders, William B., Professor of Engineering Mechanics, Purdue University, Lafayette, Ind. 1922.

Sanderson, Albert E., Associate Professor of Civil Engineering, Northeastern University, Boston, Mass. 1948.

Sanford, Chris, Associate Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1954.

Sandfort, John F., Head of Mechanical Engineering, South Dakota State College, Brookings, S. D. 1946.

Sandorf, Irving J., Professor and Chairman of Electrical Engineering, University of Nevada, Reno, Nev. 1938.

Sandvig, Robert L., Associate Professor of Chemical Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1949.

Saner, H. Albert, Associate Professor of Chemical Engineering, Montana State College, Bozeman, Mont. 1958.

Sanford, F. E., Consulting Engineer, Commonwealth Associates, Inc., Jackson, Mich. 1958.

Sanford, George W., Associate Professor of Engineering Administration, Case Institute of Technology, Cleveland, Ohio. 1951.

Sanger, Fred J., 76 Chester Road, Belmont 78, Mass. 1947.

Sangster, William M., Associate Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1948.

Sanks, Robert L., West 2926 Walton, Spokane 14, Wash. 1951.

Sanner, Walter E., Dean of Engineering, Heald Engineering College, San Francisco, Calif. 1950.

Santalo, Miguel A., Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (On leave: University of Mexico, Mexico 12, D. F.) 1956.

Santiago-Melendez, Miguel, Instructor in General Engineering, University of Puerto Rico College of Agriculture & Mechanic Arts, Mayaguez, Puerto Rico. 1958.

Santry, Israel W., Jr., Professor of Civil Engineering, Southern Methodist University, Dallas 5, Texas. 1942.

Sapega, August E., Assistant Professor of Engineering, Trinity College, Hartford, Conn. 1958.

Sardella, Joseph E., Instructor in Drafting (Chairman), San Diego Junior College, San Diego, Calif. 1958.

Sarkees, Yazbeck T., Assistant Professor of Electrical Engineering, University of Buffalo, Buffalo, N. Y. 1958.

Saros, Theodore A., Associate Editor, Editorial Department, D. Van Nostrand Co., Inc., 120 Alexander Street, Princeton, N. J. 1957.

Sarver, Jacob H., Professor and Head of Engineering Graphics, University of Cincinnati, Cincinnati 21, Ohio. 1953.

Sasin, George S., Professor of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1948.

Satterley, William O., Assistant Professor of Graphics, Purdue University, 127 University Street, West Lafayette, Ind. 1951.

Satterly, Gilbert T., Jr., Instructor in Civil Engineering, Wayne State University, Detroit, Mich. 1957.

Satterthwaite, Franklin E., Director, Statistical Engineering Institute, Wellesley Hills, Mass., Associate Professor of Mathematics, Merrimack College, Andover, Mass. 1949.

Sauer, Francis, Instructor in Science and Vocations, Pitkin Middle School, Kiungchow, Hainan Island, South China. 1947.

Sauer, Harry J. Jr., Instructor in Mechanical Engineering, Missouri Schools of Mines and Metallurgy, Rolla, Mo. 1958.

Sauer, John A., Professor and Head of Physics, Pennsylvania State University, University Park, Pa. 1948.

Saunders, David R., Research Associate, Research Department, Educational Testing Service, Princeton, N. J. 1956.

Saunders, Robert M., Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1952.

Saunders, William A. B., Vice-Principal, Provincial Institute of Technology and Art, Calgary, Alberta, Canada. 1956.

Sauter, Hubert E., Supervisor of Research Information, Aircraft Nuclear Propulsion Department, General Electric Company, Cincinnati, Ohio. 1952.

Savage, Charles F., Consultant, Professional Relations, Engineering Personnel Service, General Electric Company, New York, N. Y. 1955.

Savage, Harry C., Jr., Assistant Professor of Engineering Drawing, Georgia Institute of Technology, Atlanta, Ga. 1957.

Savage, John A., Assistant Professor in Electrical Engineering, Southern Methodist University, Dallas, Texas. 1949.

Savage, Richard L., Assistant Professor in Civil Engineering, Tufts University, Medford 55, Mass. 1954.

Savage, Robert L., Vice President of Research, The North American Coal Corporation, 12800 Shaker Boulevard, Cleveland, Ohio. 1949.

Savant, D. P., Professor Emeritus of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council 1940–43.*) *Life Member.* 1917.

Saville, Thorndike, Director, Sciences and Engineering Center Study, 135 Medical Sciences Building, University of Florida, Gainesville, Florida. (*Member of Council, 1943–46; Vice President, 1948–49; President, 1949–50; Twenty-Seventh Recipient, Lamme Medal, 1954.*) 1915.

Sawhill, Charles F., Instructor in Mechanical Engineering and General Engineering, University of Washington, Seattle, Wash. 1958.

Sawyer, Herbert A., Jr., Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1947.

Sawyer, William L., Professor & Head of Engineering Mechanics, University of Florida, Gainesville, Fla. 1949.

Sawyer, William R., Vice Commandant and Director of Studies, Head of Chemistry, Royal Military College, Kingston, Ontario, Canada. 1951.

Saxton, Ren G., Professor and Head Emeritus of Civil Engineering, Oklahoma State University, Stillwater, Okla. *Life Member.* 1925.

Sayre, Mortimer F., Professor Emeritus of Mechanical Engineering, Union College, Schenectady, N. Y. *Life Member.* 1917.

Scalzi, John B., Associate Professor of Civil Engineering, Case Institute of Technology, Cleveland, Ohio. 1949.

Scanlan, Jack A., Associate Professor of Mechanical Engineering, University of Texas, Austin, Tex. 1947.

Schad, Charles R., Assistant Director of Research, Caterpillar Tractor Company, Peoria, Ill. 1954.

Schade, Henry A., Professor of Naval Architecture, University of California, Berkeley, Calif. 1953.

Schaefer, Rodney A., Associate Professor of Engineering Mechanics, Missouri School of Mines, Rolla, Mo. 1951.

Schaerff, Werner W., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis. 1958.

Schaffner, Charles E., Professor of Civil Engineering, Associate Dean and Director of Evening Session, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. (*Member of Council, 1955–57.*) 1943.

Schaller, Gilbert S., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1953.

Schamehorn, Ernest C., Standards and Specifications Engineer, Director of Drafting Apprentice Program, Jack & Heintz, Incorporated, Cleveland, Ohio. 1950.

Scharf, Robert S., Associate Professor of Social Sciences, Georgia Institute of Technology, Atlanta, Ga. 1950.

Schart, William J., Chief of Computer Laboratories, Convair, A Division of General Dynamics Corporation, San Diego, Calif. 1944.

Schatz, Edward R., Assistant Dean of Engineering and Science, Carnegie Institute of Technology, Pittsburgh, Pa. 1949.

Schealer, Samuel R., Professor and Head Emeritus of Electrical Engineering, Vanderbilt University, Nashville, Tenn. *Life Member.* 1911.

Scheer, Alfred C., Associate Professor of Civil Engineering, Montana State College, Bozeman, Mont. 1951.

Scheffey, Charles F., Assistant Professor of Civil Engineering, University of California, Berkeley, Calif. 1954.

Scheibe, Elmer H., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1954.

Scheifley, Claude K., Professor of Modern Languages and History, Worcester Polytechnic Institute, Worcester, Mass. 1939.

Scheirer, Robert D., Professor of Civil Engineering, Pennsylvania State University, State College, Pa. 1952.

Schenkel, Roy W., Instructor in Mathematics, Lawrence Institute of Technology, Detroit, Mich. 1957.

Schenler, William W., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1956.

Scherba, Michael B., Assistant Professor of Electrical Engineering, Wayne University, Detroit, Mich. 1953.

Scheuermann, Coulson M., Instructor in Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. 1957.

Schick, Lawrence E., Colonel, United States Army, Professor and Head of Military Topography and Graphics, United States Military Academy, West Point, N. Y. 1948.

Schiewe, Arthur J., 602 Richmond Ave., Richmond, Ind. 1956.

Schiller, Daniel E., Assistant Professor of Drawing and Machine Design, Marquette University, Milwaukee, Wis. 1952.

Schilling, Eugene W., Dean of Engineering, Head, Dept. of Electrical Engineering, Montana State College, Bozeman, Mont. 1935.

Schlechten, Albert W., Professor and Chairman, Department of Metallurgical Engineering, Missouri School of Mines, Rolla, Mo. 1945.

Schleef, Daniel J., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1953.

Schlegel, Edward J., Professor Emeritus of Technical Drawing, Bradley University, Peoria 5, Ill. 1942.

Schlesinger, S. Perry, Associate Professor of Electrical Engineering, Columbia University, New York 27, N. Y. 1949.

Schlosser, Francis, Assistant Professor of Chemistry, Purdue University, Hammond, Ind. 1948.

Schlundt, Esther M., Head, Readers Division, Library, Purdue University, Lafayette, Ind. 1953.

Schmaling, George P., Assistant Coordinator for School of Engineering, Southern Methodist University, Dallas 5, Tex. 1957.

Schmelzer, Richard W., General Secretary, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

Schmerzler, Lawrence J., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1953.

Schmid, Merle D., Assistant Professor of Industrial Management, Purdue University, Lafayette, Ind. 1956.

Schmid, Werner E., Assistant Professor of Civil Engineering, Princeton University, Princeton, N. J. 1955.

Schmidt, Adelbert C., Coordinator and Librarian, Milwaukee School of Engineering, Milwaukee, Wis. 1952.

Schmidt, Alois X., Professor and Chairman of Chemical Engineering, The City College of New York, New York, N. Y. 1950.

Schmidt, Bernard M., Associate Professor of Electrical Engineering, University of Dayton, Dayton, Ohio. 1949.

Schmidt, E. L., 1043 Washington Avenue, Albany, N. Y. 1954.

Schmidt, Frank W., Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis. 1958.

Schmidt, Harry P., Associate Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1930.

Schmidt, Howard L., Assistant in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

Schmidt, Milton O., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1943.

Schmidt, Robert, Assistant Professor in Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1957.

Schmitt, Emil S., Jr., Assistant Professor of Chemical Engineering, Lafayette College, Easton, Pa. 1957.

Schmitz, Fred W., Associate Professor of Chemical Technology, New York City Community College, Brooklyn, N. Y. 1957.

Schmitz, Norbert L., Associate Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1953.

Schmitter, Walter P., Vice President and Chief Engineer, The Falk Corporation, Milwaukee, Wis. 1949.

Schnack, Helen H., Special Instructor in Personnel Relations, Newark College of Engineering, Newark, N. J. 1947.

Schneerer, William F., Assistant Professor of Engineering Drawing, Director of Publications, Case Institute of Technology, Cleveland, Ohio. 1952.

Schneider, Charles S., General Precision Laboratory, Pleasantville, N. Y. 1950.

Schneider, George R., Associate Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. 1957.

Schneider, Morris H., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Neb. 1956.

Schneider, Robert R., Assistant Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1956.

Schneider, Theodore A., 239 Chestnut Street, Union, N. J. 1943.

Schneider, Walter L., Instructor in Mechanical Engineering, New York University, New York, N. Y. 1952.

Schneidewind, Richard, Professor of Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

Schock, Edson I., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1937.

Schoder, Ernest W., Professor of Civil Engineering, Emeritus, Cornell University, Ithaca, N. Y. 1934.

Schoeffler, Alfred W., Assistant Professor of Civil Engineering, Southwestern Louisiana Institute, Lafayette, La. 1953.

Schoeller, Wilbur C., Professor of Civil Engineering, Southern Methodist University, Dallas, Tex. 1954.

Schoen, John E., Professor of Mechanical Engineering, Marquette University, Milwaukee 3, Wis. 1948.

Schoenborn, Edward M., Jr., Professor and Head, Dept. of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1935.

Schoenherr, Karl E., 7053 Western Ave. N.W., Washington, D. C. 1946.

Schoeppel, Roger J., Instructor in Petroleum Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

Scholer, Charles H., Professor of Applied Mechanics, Kansas State College, Manhattan, Kans. 1925.

Scholl, Lloyd W., Assistant Professor of Architecture, Extension Division, Purdue University, Indianapolis, Ind. 1948.

Schommer, John J., Professor Emeritus of Industrial Chemistry, Director of Development Office, Illinois Institute of Technology, Chicago 13, Ill. 1928.

Schon, James F., Instructor in Engineering, City College of San Francisco, San Francisco, Calif. 1952.

Schoonmaker, Lucas E., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1948.

Schoonover, Bonnie-Blanche, Librarian, Worcester Polytechnic Institute, Worcester 2, Mass. 1943.

Schoonover, Rex H., Professor of Engineering Mechanics, University of Detroit, Detroit, Mich. (Dean Emeritus, Wayne State University.) (*Member of Council, 1954–56.*) 1937.

Schrader, Henry, c/o Arabian American Oil Company, Dhahran, Saudi, Arabia. 1956.

Showalter, Ralph E., Associate Professor of Mechanical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1953.

Schrader, George F., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

Schrader, Henry, Instructor in Industrial Training, Arabian American Oil Company, Box 2546, Dhahran, Saudi, Arabia. 1956.

Schrader, Herman J., Research Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1925.

Schrag, Robert L., Associate Professor of Electrical Engineering, University of Wichita, Wichita, Kan. 1957.

Schramm, E. Frank, Professor Emeritus of Geology, University of Nebraska, Lincoln, Nebr. 1940.

Schraut, Kenneth C., Chairman and Professor of Mathematics, University of Dayton, Dayton, Ohio. 1947.

Schreiber, Herbert F., P.O. Box 804, Gulfport, Miss. 1949.

Schrenk, Walter T., Professor and Head, Dept. of Chemical Engineering and Chemistry, Missouri School of Mines, Rolla, Mo. 1939.

Schroedel, Karl B., Research Engineer and Assistant Professor of Industrial Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1956.

Schroeder, Ervin W., Professor and Head of Agricultural Engineering, Oklahoma State University, Stillwater, Okla. 1947.

Schroeder, Fred W., Instructor in General Engineering, University of Illinois, Chicago, Ill. 1953.

Schroeder, Roy W., Assistant Professor of Mechanical Engineering, University of Illinois, Navy Pier, Chicago, Ill. 1948.

Schroepfer, George J., Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1945.

Schruben, L. R., Associate Professor of Engineering Drawing, University of Southern California, Los Angeles, Calif. 1946.

Schubert, Arno G., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

Schubert, Carl E., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

Schubmehl, Raymond J., Professor and Assistant Dean of Engineering Mechanics, University of Notre Dame, Notre Dame, Ind. 1938.

Schufle, Joseph A., Associate Professor of Chemistry, New Mexico Institute of Mining and Technology, Socorro, N. M. 1948.

Schug, Howard L., Assistant Professor of Electrical Engineering Los Angeles State College, Los Angeles, Calif. 1958.

Schuhmann, Reinhardt, Jr., Professor and Chairman of Metallurgical Engineering, Purdue University, Lafayette, Ind. 1942.

Schulz, Leon M., Instructor in Electrical Engineering, Indiana Technical College, Fort Wayne, Ind. 1958.

Schultz, Andrew S., Jr., Professor & Head of Industrial Engineering, Cornell University, Ithaca, N Y. 1949.

Schultz, Clarence W., Associate Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1950.

Schultz, Floyd V., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1951.

Schultz, Robert B., Instructor in Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1957.

Schumann, Fred., Professor and Head of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1944.

Schurig, O. Robert, Professor of Electrical Engineering, Union College, Schenectady, N. Y. 1957.

Schuster, William W., Associate Professor of Chemical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1956.

Schutzwohl, Victor U., Instructor in Electrical Engineering, University of Detroit, Detroit, Mich. 1957.

Schuyler, Robert T. E., Area Manager, College Department, McGraw-Hill Book Co., New York, N. Y. 1951.

Schwab, Glenn O., Professor of Agricultural Engineering, Ohio State University, Columbus, Ohio. 1956.

Schwalen, Harold C., Professor & Head of Agri. Engineering, University of Arizona, Tucson, Ariz. 1949.

Schwalje, Joseph L., Associate Professor of Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

Schwantes, Arthur J., Professor and Head, Department of Agricultural Engineering, University of Minnesota, St. Paul 1, Minn. 1926.

Schwartz, Frank L., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1948–50.*) 1930.

Schwartz, Mischa, Associate Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

Schwartz, Richard F., Research Associate of Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia 4, Pa.

Schwartz, Richard H., Lecturer in Civil Engineering, City College of New York, New York, N. Y. 1957.

Schwartz, Ralph J., Professor and Chairman of Electrical Engineering, Columbia University, New York 27, N. Y. 1952.

Schwarz, Robert F., Director, Michigan City Extension, Purdue University, Michigan City, Ind. 1957.

Schwarzlose, Paul F., Associate Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1942.

Schwebke, Howard J., Assistant Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1953.

Schwehr, Frederick E., Assistant Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1954.

Schweizer, Herbert H., Associate Professor of Civil Engineering, Colorado State University, Ft. Collins, Colo. 1949.

Schwichtenberg, Richard J., Assistant Professor of English-Humanistic, Milwaukee School of Engineering, Milwaukee, Wis. 1953.

Schwieger, Albert J., Professor and Head, Dept. of Economics, Govt. & Bus., Worcester Polytechnic Institute, Worcester, Mass. 1938.

Scofield, Gordon L., Professor of Mechanical Engineering, Missouri School of Mines & Metallurgy, Rolla, Mo. 1952.

Scorah, Ralph, Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1945.

Scordelis, Alexander C., Associate Professor of Civil Engineering, University of California, Berkeley 4, Calif. 1952.

Scott, Charley, Professor of Mechanical Engineering, Mississippi State University, State College, Miss. 1953.

Scott, Donald E., Graduate Assistant in Electrical Engineering, University of Connecticut, Storrs, Conn. 1958.

Scott, Elmo L., Instructor in Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1958.

Scott, John E., Physicist, Naval Electronics Lab., San Diego, Calif. 1943.

Scott, Kenneth E., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester 9, Mass. 1951.

Scott, Marion B., Professor of Structural Engineering, Purdue University, Lafayette Ind. 1952.

Scott, Norman R., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1950.

Scott, Pearl A., Instructor in Central Technical Institute, Kansas City, Mo. 1955.

Scott, Raymond C., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1953.

Scott, Ronald E., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

Scott, Samuel L., Placement Representative, Employee Relations Dept., E. I. du Pont de Nemours & Co., Inc., Wilmington, Del. 1952.

Scott, Verne H., 322 Scott Avenue, Ft. Collins, Colo. 1954.

Scottron, Victor E., Professor of Civil Engineering, University of Connecticut, Storrs, Conn. 1951.

Scull, Herbert M., Associate Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1947.

Seabloom, Robert W., Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1957.

Seabrook, Ephriam M., Jr., Instructor in Civil Engineering, The Citadel, Charleston, S. C. 1957.

Seacrist, George K., Instructor in English Composition, York Center, Pennsylvania State University, University Park, Pa. 1956.

Seal, Philip M., Associate Professor of Electrical Engineering, Norwich University, Northfield, Vt. 1943.

Seamans, David A., Assistant Professor of Electrical Engineering, State College of Washington, Pullman, Wash. 1955.

Seames, Albert E., Assistant Professor of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1957.

Sears, Francis W., Professor of Physics, Dartmouth College, Hanover, N. H. 1945.

Seaton, Roy A., Applied Mechanics, Kansas State College, Manhattan, Kan. (*President, 1932–33; Vice President, 1930–31; Member of Council, 1926–29, 1930–46.*) *Fifteenth Recipient, Lamme Medal* (*1942*). 1912.

Seaverns, Charles F., Assistant Professor of Drawing, Northeastern University, Boston, Mass. 1956.

Sebastian, Hugh, Publisher's Representative: College, The Macmillan Company, Albion, Mich. 1957.

Sechrist, Gilbert H., Professor Emeritus of Electrical Engineering, University of Nebraska, Lincoln, Nebraska. (*Life Member.*) 1927.

Secor, Kenneth E., Instructor in Engineering, Chico State College, Chico, Calif. 1956.

Sedlander, Norman R., Assistant Professor of Engineering Drawing, Michigan State University, East Lansing, Mich. 1948.

Seeger, Raymond J., Deputy Assistant Director, National Science Foundation, Washington, D. C. (*Member of Council, 1955–.*) 1950.

Seeley, Charles T., Instructor in Engineering Graphics, Purdue University, Lafayette, Ind. 1958.

Seeley, Gilbert E., Director of Education, American Society of Tool Engineers, Detroit, Mich. 1958.

Seeley, Walter J., Dean of Engineering, Duke University, Durham, N. C. 1927.

Seely, F. B., Professor Emeritus of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1937–40.*) *Twenty-third Recipient, Lamme Medal* (1950). 1913.

Seely, John F., Associate Professor of Chemical Engineering, North Carolina State College, Raleigh, N. C. 1941.

SEELY, SAMUEL, Professor of Electrical Engineering, Case Institute of Technology, Cleveland, Ohio. (*Member of Council, 1957–59.*) 1942.

SEGNER, EDMUND P., JR., Assistant Professor of Civil Engineering, A. & M. College of Texas, College Station, Tex. 1955.

SEIBEL, ROBERT C., Professor of Electrical Engineering, Montana State College, Bozeman, Mont. 1947.

SEIBERT, CHARLES B., Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1942.

SEID, ROBERT B., Instructor in Art, Queens College, Flushing, N. Y. 1955.

SEITZ, FREDERICK, Professor and Head of Physics, University of Illinois, Urbana, Ill. 1956.

SELBY, SAM, Head, Department of Mathematics, University of Akron, Akron, Ohio. 1946.

SELIG, ERNEST T., Assistant Engineer, Mechanical Engineering, Armour Research Foundation, Chicago 16, Ill. 1957.

SELL, GEORGE R., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1958.

SELLERS, GABE A., Professor and Head of Industrial Engineering and Industrial Arts, Kansas State College, Manhattan, Kan. 1948.

SELLON, WILLIAM A., Assistant Professor of Industrial Arts, State Teachers College, Bemidji, Minn. 1955.

SELLS, JACKSON S., Associate Professor of Electrical Engineering, University of Miami, Coral Gables, Fla. 1950.

SELTZER, LEON Z., Professor and Head of Aeronautical Engineering, West Virginia University, Morgantown, W. Va. (*Member of Council, 1957–59.*) 1952.

SELTZER, NORMAN, Industrial Relation Research Analyst, Training Department, Ford Motor Company, Dearborn, Mich. 1957.

SELVIDGE, HARNER, Staff Engineer, Bendix Aviation, Corporation, Burbank, Calif. 1938.

SEMELSBERGER, ROBERT E., 4026A Henry Place, Fort Huachuca, Ariz. 1949.

SEN, TRIGUNA, Rector, Jadavpur University, Calcutta, West Bengal, India. 1948.

SENCER, ROBERT A., Assistant Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1958.

SENNE, JOHN E., Assistant Dean of Engineering,, Washington University, St. Louis, Mo. 1947.

SENNE, JOSEPH H., JR., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1952.

SENSEMAN, WILFRED M., Professor of English, University of Michigan, Ann Arbor, Mich. 1956.

SENTZ, ROBERT E., Instructor in Electrical Engineering, Pennsylvania State University, Technical Institute Division, Bethlehem, Pa. 1958.

SERGEV, S., Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1943.

SERMON, THOMAS C., Registrar, Michigan College of M. & T., Houghton, Mich. 1950.

SEROVY, GEORGE KASPAR, Associate Professor of Mechanical Engineering, Iowa State College, Ames, Iowa. 1953.

SESHU, SUNDARAM, Assistant Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1958.

SESONSKE, ALEXANDER, Associate Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1956.

SESSUMS, ROY T., Assistant to Vice President and Engineering Coordinator, Freeport Sulphur Co., New Orleans, La. *Life member.* 1939.

SETCHELL, JOHN E., Assistant Professor Emeritus of Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. *Life Member.* 1927.

SETTON, HENRY A., Assistant Professor of General Engineering, University of Illinois, Chicago, Illinois. 1952.

SEULBERGER, F. GEORGE, Assistant Dean, Northwestern Technological Institute, Evanston, Ill. 1952.

SEVERSON, DONALD E., Professor of Chemical Engineering, University of North Dakota, Grand Forks, N. D. 1948.

SEWARD, HERBERT L., Professor Emeritus of Mechanical and Marine Engineering, P.O. Box 517, Old Saybrook, Conn. *Life Member.* 1910.

SEXTON, PHILLIP G., Instructor in Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1957.

SEYER, WILLIAM F., Professor of Engineering, University of California, Los Angeles, Calif. 1949.

SEYLER, JIMMY W., Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1958.

SEYMOUR, ASA M., Manager of Technical Services Department, Lenkurt Electric Company, San Carlos, Calif. 1956.

SHACKLETON, S. PAUL, Consultant, President's Committee on Scientists and Engineers, National Security Agency, Washington 25, D. C. 1954.

SHAFER, RAYMOND E., Head of Professor of Industrial Engineering, West Virginia University, Morgantown, W. Va. 1956.

SHAFFER, BERNARD W., Associate Professor of Mechanical Engineering, New York University, New York, N. Y. 1956.

SHAFFER, HAROLD A., Professor of Engineering Drawing, Bucknell University, Lewisburg, Pa. 1927.

SHAFFER, H. WINFIELD, Assistant Professor of General Engineering, University of Washington, Seattle, Wash. 1957.

SHAFFER, RICHARD F., Consulting Chemical Engineer, New York, N. Y. 1948.

SHAFFER, ROBERT E., Associate Professor of Mechanical Engineering, University of Buffalo, Buffalo 14, N. Y. 1943.

SHAFFER, WILLIAM R., Project Engineer, J. R. Wald Co., Huntingdon, Pa. 1952.

SHAH-NAZAROFF, LEONID G., Associate Professor of Civil Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1955.

SHALLENE, WILBERT E., Special Instructor of Structural Drawing, University of Texas, Austin, Texas. 1948.

SHAMES, IRVING H., Pratt Institute, Brooklyn, N. Y. 1957.

SHAMIS, SIDNEY S., Associate Professor of Electrical Engineering, New York University, New York, N. Y. 1957.

SHANDLEY, PAUL D., Assistant Professor of Physics, Michigan College of Mining and Technology, Houghton, Mich. 1957.

SHANK, JACOB R., Professor Emeritus of Civil Engineering, Ohio State University, Executive Secretary, Department of Industrial Relations, State of Ohio, Columbus, Ohio. 1919.

SHANK, RICHARD R., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1951.

SHANNON, SAM S., Publisher's Representative, International Textbook Company, San Francisco, Calif. 1957.

SHAPIRO, LEONARD, Assistant Professor of Civil Engineering, Newark College of Engineering, Newark, N. J. 1949.

SHAPIRO, SAMUEL E., Associate Professor of General Engineering, University of Illinois, Chicago, Ill. 1947.

SHARLIN, HAROLD I., Instructor in Economics and History, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1956.

SHARMA, NEEL K., Instructor in Applied Mechanics, University of Kansas, Lawrence, Kan. 1957.

SHARP, ARNOLD G., Assistant Professor, Civil Engineering, University of Massachusetts, Amherst, Mass. 1950.

SHARP, HENRY S., Associate Professor of Mathematics, Calumet Center, Purdue University, Hammond, Ind. 1955.

SHARP, H. OAKLEY, Professor, Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

SHARRAH, PAUL C., Professor of Physics, University of Arkansas, Fayetteville, Ark. 1952.

SHAUGHNESSY, THOMAS E., Educational Advisor, The Ordnance School, Aberdeen P. G., Md. 1951.

SHAVER, ROBERT E., Dean of Engineering, University of Kentucky, Lexington 29, Ky. 1943.

SHAW, CLYDE E., Head, Dept. of Electrical Engineering, Tri-State College, Angola, Ind. 1942.

SHAW, G. REED, Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1940.

SHAW, H. WALTER, General Manager, Technical Education Department, McGraw-Hill Book Company, 330 West 42nd Avenue, New York 36, N. Y. 1950.

SHAW, MARK D., Assistant Professor of Agricultural Engineering, Pennsylvania State University, University Park, Pa. 1957.

SHAW, MILTON C., Professor of Mechanical Engineering, Professor-in-charge of Materials Processing Division, Massachusetts Institute of Technology, Cambridge, Mass. (*Eleventh Recipient, George Westinghouse Award, 1956.*) 1953.

SHAW, RAYMOND N., Instructor of Civil Engineering, Kansas State College, Manhattan, Kan. 1955.

SHAWCROSS, JOHN T., Associate Professor of English, Newark College of Engineering, Newark, N. J. 1957.

SHEARER, JAMES E., Assistant Professor of Mechanical Engineering, University of Akron, Akron, Ohio. 1953.

SHEARER, J. LOWEN, Assistant Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

SHECKELS, G. DALE, Professor of Electrical Engineering, Montana State College, Bozeman, Mont. 1945.

SHEDD, PAUL C., Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1928.

SHEDD, THOMAS C., Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1925.

SHEELY, MILTON C., Professor of Industrial Engineering, Oregon State College, Corvallis, Ore. 1954.

SHEERER, LEONARD F., Executive Director, Division of Engineering and Industrial Extension, Oklahoma State University, Stillwater, Okla. 1953.

SHELDON, HERBERT E., Training Supervisor, Bell Telephone Laboratory, Murray Hill, N. J. 1955.

SHELEY, B. LEROY, Dean, College of Industrial Technology, Boston University, Boston, Mass. 1957.

SHELTON, EDGAR G., Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1947.

SHELTON, GEORGE R., Assistant Professor of Civil Engineering, St. Louis University, St. Louis, Mo. 1956.

SHEN, CHI-NENG, Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1954.

SHEN, DAVID W. C., Assistant Professor of Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1956.

SHENTON, JAMES E., Head, Mechanical Technology, Erie County Technical Institute, Buffalo 7, N. Y. 1950.

SHEPARD, HERBERT A., Assistant Professor of Sociology, Economics, Social Science, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

SHEPHERD, MARSHAL L., Chemistry and Physics, Nedham Broughton High School, Raleigh Public Schools, Raleigh, N. C. 1944.

SHEPHERD, WILLIAM G., Professor and Head of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

SHERIDAN, MARLIN L., Associate Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1956.

SHERLIN, GROVER C., JR., Hydraulic Engineer, National Bureau of Standards, Washington 25, D. C. 1949.

SHERLING, WILLIAM G., JR., Associate Professor of Aeronautical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1958.

SHERLOCK, ROBERT H., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. *Life Member.* 1925.

SHERMAN, JESSE B., Professor of Electrical Engineering, The Cooper Union, New York 3, N. Y. 1954.

SHERMAN, KENNETH S., Associate Professor of Electrical Engineering, Fenn College, Cleveland, Ohio. 1949.

SHERMAN, WARREN K., Associate Professor of Electrical Engineering, Howard University, Washington, D. C. 1950.

SHERMAN, WILSON R., Senior Engineer, Melpar, Incorporated, Falls Church, Va. 1943.

SHERMER, CARL L., Professor of Civil Engineering, Michigan State University, East Lansing, Mich. 1950.

SHERRARD, EDWIN A., Professor of Mechanical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1947.

SHERRER, ROBERT E., Assistant Professor of Engineering Mechanics, University of Wisconsin, Madison, Wis. 1957.

SHERRILL, ALVAN C., Assistant to the Works Manager, Columbia-Southern Chemical Corporation, Barberton, Ohio. 1955.

SHERRILL, CHARLES I., III, Instructor in Applied Mathematics, University of Colorado, Denver, Colo. 1956.

SHERWOOD, A. WILEY, Professor and Head of Aeronautical Engineering, University of Maryland, College Park, Md. 1958.

SHERWOOD, ROBERT S., Manager of Engineering, Steam Turbine Division, Worthington Corporation, Wellsville, N. Y. 1940.

SHERWOOD, THOMAS K., Professor of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1946.

SHEWAN, WILLIAM, Associate Professor and Chairman of Electrical Engineering, Valparaiso University, Valparaiso, Ind. 1955.

SHICK, WAYNE L., Associate Professor of General Engineering, University of Illinois, Urbana, Ill. 1950.

SHIELDS, PAUL E., Associate Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1949.

SHIELS, KENNETH G., Professor and Chairman of Engineering Drawing, Assistant Dean of Engineering, University of Wisconsin, Madison, Wis. 1937.

SHIGLEY, JOSEPH E., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1942.

SHILLING, G. DAVID, Associate Professor of Chemical Engineering, University of Rhode Island, Kingston, R. I. 1950.

SHILTS, WALTER L., Head, Dept. of Civil Engineering, University of Notre Dame, Notre Dame, Ind. 1936.

SHIMIZU, KINJI, President, Nagoya Institute of Technology, Dr. of Engrg., Nagoya, Japan. 1950.

SHINE, BARTHOLOMEW J., Professor Emeritus of Structural Engineering, University of Cincinnati, Cincinnati, Ohio. 1943.

SHIPLEY, E. D., Associate Professor, Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1941.

SHIRES, LUKE B., Professor and Head, Dept. of Chemical Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1940.

SHIRK, RICKLEF W., Staff Assistant, Chrysler Institute of Engineering, Detroit, Mich. 1955.

SHIRLEY, JOHN W., Dean of Faculty, North Carolina State College, Raleigh, N. C. (*Member Council, 1953–55.*) 1950.

SHIVE, JOHN N., Department of Education and Training, Bell Telephone Laboratories, Inc., Murray Hill, N. J. 1957.

SHOBE, LOUIS R., Professor of Engineering Mechanics, University of Tennessee, Knoxville, Tenn. 1947.

SHOCKLEY, CLYDE A., JR., Instructor in Applied Mechanics, University of Wichita, Wichita, Kan. 1957.

SHOOK, PAUL S., Design Consultant, Planning Dept., L. S. Ayres and Co., Indianapolis, Ind. 1944.

SHOOP, CHARLES F., Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. *Life member.* 1906.

SHORE, SIDNEY, Associate Professor of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1952.

SHOREY, LAWRENCE F., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1926.

SHORT, BYRON E., Professor of Mechanical Engineering, University of Texas, Austin, Texas. (*Member of Council, 1946–48.*) 1931.

SHORT, W. IRWIN, Administrative Office of Civil Engineering Dept. and Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. (*Member of Council, 1955–57.*) 1934.

SHORT, WALTER E., Associate Professor of Mechanical Engineering, Bradley University, Peoria, Ill. 1947.

SHORT, WILLIAM C., Engineering Manpower Control Representative, Lockheed Aircraft Corporation, Engineering Department, Van Nuys, Calif. 1958.

SHOTTS, REYNOLD Q., Professor of Mining Engineering, University of Alabama, University, Ala. 1947.

SHOUMAN, AHMAD R., Assistant Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

SHOWALTER, RALPH E., Associate Professor of Mechanical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1953.

SHOWERS, RALPH M., Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1954.

SHREVE, EWART C., Associate Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1958.

SHREVE, R. NORRIS, Professor of Chemical Engineering and Director, Formosa-Purdue Engineering Project, Purdue University, Lafayette, Ind. 1930.

SHUGA, MICHAEL, Assistant Professor of Civil Engineering and Engineering Mechanics, Fenn College, Cleveland 15, Ohio. 1953.

SHULDINER, PAUL W., 1710 Grant St., Berkeley, Calif. 1953.

SHULITS, SAM, Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1952.

SHULMAN, HERMAN L., Chairman of Chemical Engineering Department, Director of Research and Graduate Study, Clarkson College of Technology, Potsdam, N. Y. 1948.

SHUMAKER, CLIFFORD H., Chairman, Industrial Engineering, Southern Methodist University, Dallas 5, Texas. 1943.

SHUPE, HOLLIE W., Professor of Engineering Drawing, The Ohio State University, Columbus 10, Ohio. 1946.

SHUPE, JOHN W., Associate Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1953.

SHURRAGER, PHIL S., Professor and Chairman, Dept. of Psychology and Education, Illinois Institute of Technology, Chicago 16, Ill. 1947.

SHURTER, ROBERT L., Head of Humanities and Social Studies, Case Institute of Technology, Cleveland 6, Ohio. (*Member of Council, 1949–51.*) 1943.

SHUTTS, WILLIAM H., Assistant Professor of Aeronautical Engineering, University of Texas, Austin, Tex. 1957.

SIBILA, ALFRED I., Chief of Aerodynamics Engineering, Chance Vought Aircraft, Dallas, Tex. 1956.

SIBILA, KENNETH F., Professor and Head, Dept. of Electrical Engineering, University of Akron, Akron, Ohio. 1941.

SICULAR, GEORGE M., Assistant Professor of Engineering, San Jose State College, San Jose, Calif. 1954.

SIDEBOTTOM, OMAR M., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1952.

SIEBERT, CLARENCE A., Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1945.

SIEGEL, MARTIN J., Associate Professor of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1956.

SIEGFRIED, ROBERT H., Associate Professor of Engineering Drawing, Olin Hall, Cornell University, Ithaca, N. Y. 1946.

SIEGFRIED, VICTOR, Chief Engineer, Sequoia Wire and Cable Company, Redwood City, Calif. 1934.

SIEH, WAYNE D., Assistant Professor of Mechanical Engineering, Kansas State College, Manhattan, Kan. 1947.

SIEMON, STANLEY R., Professor of Chemical Engineering, University of Canterbury, Christchurch, New Zealand. 1952.

SIESS, CHESTER P., Professor of Civil Engineering Department, University of Illinois, Urbana, Ill. 1955.

SIEVERS, GEORGE A., President Industrial Engineering Institute 2040 W. Wisconsin Ave., Milwaukee, Wis. 1953.

SILBERBERG, MORRIS D., Lecturer in Drafting, The City College of the College of the City of New York, New York, N. Y. 1958.

SILHA, HENRY W., Associate Professor of Mechanical Engineering, University of Idaho, Moscow, Idaho. 1941.

SILKETT, ALBERT F., Instructor in Physics, University of Illinois, Navy Pier, Chicago 11, Ill. 1947.

SILVA, AUGUSTUS, Dean of Students, New Bedford Institute of Technology, New Bedford, Mass. 1957.

SILVERMAN, LESLIE, Professor of Industrial Hygiene Engineering, Harvard University, Cambridge, Mass. 1950.

SILVERN, LEONARD C., Department of Education, Personnel, General Office, Hughes Aircraft Company, Culver City, Calif. 1958.

SILVEY, O. W., Professor Emeritus of Physics, A. & M. College of Texas, College Station, Texas. (900 Newton St., College Station, Texas.) *Life member.* 1917.

SIMAS, CARLOS FURTADO DE, Director of Civil Engineering, Escola Politecnica, University of Bahia, Salvador-Bahia, Brazil. 1957.

SIMESTER, JOHN H., Professor and Head, Dept. of Mathematics, University of Louisville, Louisville, Ky. 1930.

SIMMANG, CLIFFORD M., Head of Mechanical Engineering Department, The Agricultural and Mechanical College of Texas, College Station, Tex. 1958.

SIMMONS, EDWARD E., JR., Consulting Engineer, Pasadena 5, Calif. 1948.

SIMMONS, WARREN A., Assistant Professor of Engineering Drawing, University of Wichita, Wichita, Kans. 1955.

SIMON, ERNEST J., Dean, Technical and Adult Education, Southern Illinois University, Carbondale, Ill. 1957.

SIMON, GEORGE H., Professor of Mechanical Engineering, Louisiana State University, Baton Rouge, La. 1935.

SIMONS, HENRY C., Training Department, Industrial Relations Staff, Ford Motor Company, Dearborn, Mich. 1956.

Simons, Howard P., Professor of Chemical Engineering, West Virginia University, Morgantown, W. Va. 1941.

Simonsen, John M., Associate Professor of Mechanical Engineering Science, Brigham Young University, Provo, Utah. 1954.

Simpkin, William E., Assistant Professor of Aeronautical Engineering, University of Wichita, Wichita 14, Kan. 1957.

Simpson, Charles E., Administrative Assistant Engineering, University of California, Los Angeles, Calif. 1950.

Simpson, H. B., Senior Technical Writer, General Motors Research Laboratories, Royal Oak, Mich. 1952.

Simpson, Howard, Associate Professor of Civil and Sanitary Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1953.

Simpson, Samuel D., Assistant Professor of General Engineering, Oregon State College, Corvallis, Ore. 1957.

Simpson, William M., Head of Research, United States Naval Civil Engineering Research and Evaluation Laboratory, Port Hueneme, Calif. 1939.

Simrall, Harry C., Dean of Engineering, Director of Engineering and Industrial Research Station, Director of Engineering Extension Service, Professor of Electrical Engineering, Mississippi State University, State College, Miss. 1936.

Sims, A. Ray, Dean, College of Technology, University of Houston, Houston, Texas. 1951.

Sims, Ben W., Training Specialist, Co-Op Coordinator, Lockheed Aircraft Corp., Georgia Division, Marietta, Ga. 1956.

Sims, Ellis M., Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1937.

Sims, Hugh D., Professor and Head of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1948.

Sims, James R., Professor of Civil Engineering, The Rice Institute, Houston 1, Tex. 1942.

Sims, M. Wilson, Manager of Engineering Training and Educational Engineering Personnel Service, General Electric Company, 570 Lexington Ave., New York, N. Y. 1957.

Sinclair, George, Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada. 1948.

Sindlinger, Walter E., Assistant Professor of Higher Education, University of Michigan, 2441 Blvd., Ann Arbor 1, Mich. 1951.

Singer, David B., Assistant Supervisor, Structural Analysis Section, Mechanical Engineering Research Department, Armour Research Foundation, Illinois Institute of Technology, Chicago, Ill. 1949.

Singer, Ferdinand L., Professor of Engineering Mechanics, New York University, New York, N. Y. (*Member of General Council, 1957–59.*) 1949.

Singer, Morse B., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

Singleton, Lauren W., Associate Professor of Applied Mechanics, Kansas State College, Manhattan, Kan. 1956.

Sisco, Frank T., Director, The Engineering Foundation, New York 18, N. Y. 1955.

Siskind, Robert P., Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1938.

Sitterlee, Lawrence J., Head of Electrical Technology, Broome Technical Community College, Binghampton, N. Y. 1949.

Sitz, Earl L., Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1932.

Sizelove, Oliver J., Professor and Chairman, Management Engineering, Newark College of Engineering, Newark, N. J. 1941.

Sjogren, John W., Associate Professor of Agricultural Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1951.

Skalak, Richard, Professor of Civil Engineering, Columbia University, New York, N. Y. 1950.

Skamser, Harold P., Dean of Engineering, California State Polytechnic College, Pomona, Cal. 1946.

Skatrud, Ralph O., Manager Engineering, J. L. Training, International Business Machines Corporation, Kingston, N. Y. 1958.

Skeels, Dell R., Associate Professor of Humanistic Social, University of Washington, Seattle, Wash. 1958.

Skelley, Charles L., 20 East 74th Street New York 21, N. Y. (*Treasurer, 1950–53.*) 1940.

Skelton, Russell R., Professor of Civil Engineering, University of New Hampshire, Durham, N. H. 1936.

Skiles, James J., Associate Professor of Electrical Engineering, University of Wisconsin, Madison 6, Wis. 1951.

Skilling, Hugh H., Professor and Head of Electrical Engineering, Stanford University, Stanford, Calif. 1950.

Skinner, Halver M., Associate Professor of Agricultural Engineering, Montana State College, Bozeman, Mont. 1957.

Skitek, Gabriel G., Professor of Electrical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1951.

Skoglund, Victor J., Associate Professor of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1951.

Skroder, Carl E., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1941.

Skoran, Thomas E., Pine Tree Lane, Wapping, Conn. 1955.

Skromme, Lawrence H., Chief Engineer, New Holland Machine Div., Sperry-Rand Corp., New Holland, Pa. 1949.

Skubic, Louis G., Associate Professor of Mechanical Engineering, South Dakota State College, Brookings, S. Dak. 1954.

Skutt, Henry R., Assistant Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1958.

Slaby, Steve M., Associate Professor of Graphics, Princeton University, Princeton, New Jersey. 1953.

Slack, Edgar P., Adjunct Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn 1, N. Y. 1927.

Slagle, Jack R., Supervisor of Education and Training, Chrysler Missile Division, Chrysler Corporation, Flushing, Mich. 1958.

Slantz, Fred W., Dean of Engineering Science, Lafayette College, Easton, Pa. 1930.

Slantz, Robert D., Application Engineer, Systems Engineering, General Electric Company, Schenectady, N. Y. 1954.

Slater, Lloyd E., Executive Director, Foundation for Instrumentation Education, New York 17, N. Y. 1957.

Slaughter, George M., Assistant Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1950.

Slavin, Abraham. 1949.

Slaven, G. C., Assistant Professor of Engineering, West Virginia Institute of Technology, Montgomery, W. Va. 1956.

Slavin, William A., Associate Professor of Electrical Engineering, Villanova College, Villanova, Pa. 1939.

Slaymaker, Robert R., Professor of Machine Design, Case Institute of Technology, Cleveland, Ohio. 1937.

Slegel, Louis. Head and Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1953.

Slemon, Gordon R., Associate Professor of Electrical Engineering, University of Toronto, Toronto 5, Ontario, Canada. 1957.

Sliepcevich, Cedomir M., Associate Dean, Professor of Chemical Engineering, University of Oklahoma, Norman, Okla. (*Second Recipient Curtis W. McGraw Award. 1958.*)

SLOAN, ROYAL D., Professor of Electrical Engineering, State College of Washington, Pullman, Wash. (*Member of Council, 1956–58.*) 1926.

SLOANE, ALVIN, Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927.

SLONAKER, ROBERT E., JR., Assistant Professor of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1952.

SLONNEGER, ROBERT D., Associate Professor of Mechanical Engineering, West Virginia University, Morgantown, W. Va. 1948.

SMALL, A. L., Assistant Professor of Civil Engineering, University of Wisconsin, Madison 6, Wis. 1958.

SMALL, ERIC H., Associate Professor of Electrical Engineering, University of Maryland, College Park, Md. 1938.

SMALLEY, HAROLD E., Associate Professor of Industrial Engineering, Assistant for Management Engineering to the Vice Chancellor, University of Pittsburgh, Pittsburgh 13, Pa. 1957.

SMEDLEY, FRANCIS J., Head of Mechanical Engineering, Seattle University, Seattle, Wash. 1950.

SMETANA, JOHN A., Assistant Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1956.

SMETHERS, JOHN W., Assistant to Director of Engineering Evening School, Georgia Institute of Technology, Atlanta, Ga. 1955.

SMILEY, FRANCIS E., Assistant Professor of Civil Engineering, Colorado School of Mines, Golden, Colo. 1947.

SMIRNOFF, MICHAEL V., Associate Professor of Civil Engineering, North Carolina State College of Agriculture and Engineering, Raleigh, N. C. 1949.

SMITH, ADAM J., Professor of Mathematics, Montana School of Mines, Butte, Montana. 1950.

SMITH, ALBERT P., Instructor in Engineering Extension, Pennsylvania State University, University Park, Pa. 1956.

SMITH, BARNARD E., Assistant Professor of Industrial Engineering, Oregon State College, Corvallis, Ore. 1951.

SMITH, BOB L., Assistant Professor of Civil Engineering, Kansas State College, Manhattan, Kans. 1953.

SMITH, BUFORD, JR., Chief Engineer, Raytheon Manufacturing Company, Bristol, Tenn. 1949.

SMITH, CARL E., President, Cleveland Institute of Radio Electronics, Cleveland, Ohio. 1947.

SMITH, CECIL H., Associate Professor of Civil Engineering, Southern Methodist University, Dallas, Tex. 1958.

SMITH, CHARLES B., Associate Professor of Civil Engineering, Brown Hall, Ohio State University, Columbus, Ohio. 1954.

SMITH, CHARLES J., Associate Professor of Civil Engineering, The Pennsylvania State University, University Park, Pa. 1946.

SMITH, CHARLES O., Lecturer in Reactor Materials, Oak Ridge School of Reactor Technology, Oak Ridge, Tenn. 1955.

SMITH, CLYDE P., Assistant Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1951.

SMITH, DONALD H., Lecturer in Engineering, Georgia Institute of Technology, Atlanta 11, Ga. 1956.

SMITH, EARL B., Professor of Mechanical Engineering, Emeritus, The City College of the College of the City of New York, New York 31, N. Y. National Bureau of Standards, Ordnance FUZE Laboratory, Washington, D. C. (Home: 3 Pooks Hill Road, Bethesda, Md.) *Life Member.* 1926.

SMITH, EARLE C., Chief Metallurgist and Director of Research, Republic Steel Corporation, Cleveland, Ohio. 1949.

SMITH, EASTMAN, Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

SMITH, EDWARD F., Associate Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1935.

SMITH, ELMER G., Professor of Physics, A. & M. College of Texas, College Station, Texas. 1938.

SMITH, EUGENE W., President, Cogswell Polytechnical College, San Francisco, Calif. 1952.

SMITH, FINLEY W., Professor of Electrical Engineering, Lafayette College, Easton, Pa. 1933.

SMITH, FRANK H., Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1939.

SMITH, FRANK R., Head of Humanities, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1956.

SMITH, G. WALLACE, Professor and Head, Dept. of Engineering Mechanics, North Carolina State College, Raleigh, N. C. 1937.

SMITH, GARLAND A., Instructor in Engineering Tuskegee Institute, Alabama. 1958.

SMITH, GEORGE B., Supervisor of Drafting—Engineering Dept., Camera Works, Eastman **Kodak Co., 343 State St., Rochester, N. Y. 1939.**

SMITH, GEORGE E., Associate Professor of Electrical Engineering, Ohio University, Athens, Ohio. 1949.

SMITH, GEORGE ELTON, Head of Engineering, Arlington State College, Arlington, Tex. 1949.

SMITH, GEORGE S., Professor of Electrical Engineering, University of Washington, Seattle, Wash. 1950.

SMITH, GEORGE V., Professor of Metallurgical Engineering, Cornell University, Ithaca, New York, N. Y. 1958.

SMITH, GERALD M., Associate Professor of Engineering Mechanics, University of Nebraska, Lincoln, Neb. 1949.

SMITH, GUSTAVUS E., Associate Professor of Electrical Engineering, Ohio University, Athens, Ohio. 1951.

SMITH, HARRY C., Director, Training and Development, United States Steel Corporation, Pittsburg 30, Pa. 1955.

SMITH, HARRY T., Assistant Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1949.

SMITH, H. HUNTER, Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1955.

SMITH, HOMER P., Technical Employment Supervisor, Personnel Dept., Bell Telephone Labs., Murray Hill, N. J. 1944.

SMITH, HOWARD G., Assistant to the Director and Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1946.

SMITH, HOWARD M., JR., Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1947.

SMITH, IRVINE W., Associate Professor of Mechanical Engineering, University of Toronto, Toronto, Canada. 1946.

SMITH, J. F. DOWNIE, Vice President, Research and Development, Carrier Corporation, 300 South Geddes St., Syracuse 1, N. Y. (*Member of Council, 1957–59.*) 1947.

SMITH, JACK, Instructor in Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

SMITH, JAMES H., Instructor in Mechanical Engineering, University of Florida, Gainesville, Fla. 1948

SMITH, JAMES O., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1934.

SMITH, JEROME C., Head of Mathematics, High Point College, High Point, N. C. 1952.

SMITH, JAMES L., Instructor in Civil Engineering, Bradley University, Peoria, Ill. 1957.

SMITH, JOE M., Professor and Chairman of Chemical Engineering, Northwestern University, Evanston, Ill. 1946.

SMITH, JOHN R., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1949.

Smith, Julian C., Professor of Chemical Engineering, Cornell University, Ithaca, N. Y. 1948.

Smith, Kenneth E., Assistant Professor and Acting Director, Department of Aeronautical Engineering, University of Detroit, Detroit, Mich. 1947.

Smith, L. W., Instructor Sur., Purdue Univ. Ext., Ft. Wayne, Ind.

Smith, Leighton B., Professor and Chairman of Chemical Engineering, Tufts University, Medford, Mass. 1952.

Smith, Leo F., Dean of Instruction, Rochester Institute of Technology, Rochester 8, N. Y. 1944.

Smith, Lisle A., Assistant Dean of Engineering, Michigan State University, East Lansing, Mich. 1950.

Smith, Lloyd P., President, Avco Manufacturing Corporation, 750 Third Avenue, New York 17, N. Y. 1951.

Smith, Marion J., Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1955.

Smith, Marion L., Associate Dean of Engineering, Ohio State University, Columbus 10, Ohio. 1948.

Smith, Markwick K., Basic Studies Engineer, American Telephone and Telegraph Company, New York, N. Y. 1953.

Smith, Nelson S., Jr., Instructor in Electrical Engineering, West Virginia University, Morgantown, W. Va. 1958.

Smith, Otto J. M., Professor of Electrical Engineering, University of California, Berkeley, Calif. 1942.

Smith, Paul C., Associate Professor of Electrical Engineering, University of Akron, Akron, Ohio. 1925.

Smith, Paul D., Assistant Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1956.

Smith, Paul L., Jr., Graduate Student in Electrical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1956.

Smith, Philip A., Professor of English, Rensselaer Polytechnic Institute, Troy, N. Y. 1955.

Smith, Preston W., 12 Farmer Street, Canton, N. Y. 1951.

Smith, Ralph D., Assistant Professor of Mechanical Engineering, Ohio University, Athens, Ohio. 1958.

Smith, Ralph J., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1948.

Smith, Raymond C., General Supervision, Salary Personnel, Allison Division of General Motors Corporation, Rural Route 14, Box 881, Indianapolis 8, Ind. 1954.

Smith, Raymond V., Mechanical Engineering, University of Colorado, Fort Collins, Colo. 1954.

Smith, Reuel L., Professor of Mechanical Engineering, University of Cincinnati, Cincinnati 21, Ohio. 1945.

Smith, Richard A., Head of Civil Engineering, Louisiana Polytechnic Institute, Ruston, La. 1954.

Smith, Robert L., Director, Iowa Natural Resources Council, 2514 W. 53rd St., Des Moines, Iowa. 1951.

Smith, Robert L., Jr., Assistant Professor of Electrical Engineering, Texas Agicultural and Mechanical College, College Station, Tex. 1958.

Smith, Roger K., Assistant Dean and Associate Professor of Mechanical Engineering, University of Buffalo, Buffalo, N. Y. 1939.

Smith, Russell J., Associate Professor and Head, Dept. of Mechanics, Marquette University, Milwaukee, Wis. 1946.

Smith, S. Roscoe, Professor of Mathematics, University of Wyoming, Laramie, Wyo. 1939.

Smith, Thomas C., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1947.

Smith, V. Marlin, Director of Technology, Hampton Institute, Hampton, Va. 1957.

Smith, W. Conley, Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1943.

Smith, W. Holmes, Assistant Director of Student Personnel, El Camino College, Calif. 1951.

Smith, W. Sherman, Acting Dean of Engineering, University of Toledo, W. Bancroft Street, Toledo 6, Ohio. 1930.

Smith, Wayland P., Coordinator of Continuing Education and Assistant Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1952.

Smith, Wesley C., Assistant Professor of Military Topography and Graphics, U. S. Military Academy, West Point, N. Y. 1951.

Smith, Wesley W., Associate Professor of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1957.

Smith, William B., Assistant Professor, West Virginia Institute of Technology, Montgomery, W. Va. 1956.

Smith, William P., Professor and Chairman of Electrical Engineering, University of Kansas, Lawrence, Kan. 1947.

Smithberg, Eugene H., Associate Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1954.

Smock, Dale O., Professor of Electrical Engineering, Grove City College, Grove City, Pa. 1948.

Smoot, Ronald L., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1956.

Smutz, F. A., Professor of Engineering Drawing and Descriptive Geometry, Kansas State College, Manhattan, Kans. 1929.

Smutz, Morton, Professor and Head of Chemical Engineering, Iowa State College, Ames, Ia. 1951.

Snader, David L., Head Emeritus of Civil Engineering, Norwich University, Northfield, Vt.; Consulting Engineer, 80 Park Avenue, New York, N. Y. *Life Member.* 1948.

Sneck, Henry J., Assistant Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1953.

Sneed, Carl M., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1950.

Snelgrove, Alfred K., Head, Dept. of Geological Engineering, Michigan College of M. & T., Houghton, Mich. 1943.

Snell, Absalom W., Head of Agricultural Engineering, Clemson Agricultural College, Clemson, S. C. 1956.

Snell, Robert R., Instructor in Civil Engineering, Kansas State College, Manhattan, Kan. 1957.

Snively, L. Clifton, Assistant Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1946.

Snively, Sprague F., Assistant Professor of Economics, Pennsylvania State University, Pittsburgh 8, Pa. 1949.

Snoblin, Kenneth A., Chairman, Engineering Drawing, Lawrence Institute of Technology, Detroit, Mich. 1958.

Snow, W. Brewster, Professor of Sanitary Engineering, Rutgers University, New Brunswick, N. J. 1949.

Snowden, James R., Assistant Professor of Civil Engineering, University of Louisville, Louisville, Ky. 1947.

Snyder, Harry R., Coordinator of General and Industrial Education, Arabian American Oil Company, Dhahran, Saudi Arabia. 1956.

Snyder, James N., Research Professor of Physics and Digital Computers, University of Illinois, Urbana, Ill. 1956.

Snyder, John S., Vice President and Director of John Wiley and Sons, Inc., 440 4th Avenue, New York 16, N. Y. 1943.

Snyder, Julian, Instructor in Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1958.

Snyder, Melvin H., Jr., Professor and Acting Dean of Engineering, University of Wichita, Wichita, Kansas. 1948.

SNYDER, NORMAN F., Supervisor of Metal Cutting, General Motors Institute, Flint, Mich. 1950.

SNYDER, RAYMOND H., Associate Professor of Sanitary Engineering, Lehigh University, Bethlehem, Pa. 1951.

SNYDER, ROBERT D., Home: Greenville Street, Pendleton, S. Car. 1957.

SNYDER, WARREN E., 5208 West 80th Street, Prairie Village 15, Kan. 1947.

SNYDER, WILLIAM A., Associate Professor of Mechanical Engineering, University of Washington, Seattle 5, Wash. 1958.

SNYDER, WILLIAM T., Graduate Student in Mechanical Engineering, Northwestern Technological Institute, Evanston, Ill. 1956.

SOBALA, DANIEL, Associate Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1958.

SOBEY, ALBERT, President Emeritus and Consultant, General Motors Institute, Flint, Mich. 1923.

SODERBERG, C. RICHARD, Dean of Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1943.

SODERBERG, RICHARD R., Educational Adviser on Technical Education, United States Foreign Aid Program, American Embassy, New Delhi. (State Department Mail Room, Washington 25, D. C.,) 1958.

SODERQUIST, ALBERT A., Assistant to Director, Pilotless Aircraft Department, Boeing Airplane Company, Box 3707, Seattle 24, Wash. 1952.

SOEHNGEN, HENRY F., Associate Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1953.

SOELLNER, ROY O., Technical Instructor, Central Technical Institute, Kansas City, Mo. 1949.

SOGIN, HAROLD H., Assistant Professor of Engineering, Brown University, Providence, R. I. 1956.

SOHL, CHARLES E., JR., Instructor in Engineering, Pennsylvania State University, Ogontz, Pa. 1953.

SOHON, HARRY, Associate Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1942.

SOLBERG, ARCHIE N., Dean, Research and Special Services, University of Toledo, Toledo, O. 1956.

SOLBERG, HARRY L., Head of Mechanical Engineering, Associate Dean of Engineering, Purdue University, Lafayette, Ind. 1924.

SOLD, GEORGE A., Supervising Personnel Assistant, The Detroit Edison Company, 2000 Second Street, Detroit 26, Mich. 1956.

SOLER, ANTONIO C., Professor and Head, Dept. of Civil Engineering, University of Puerto Rico, Mayaguez, P. R. (Leave of Absence in Spain.) 1948.

SOLLENBERGER, NORMAN J., Professor of Civil Engineering, Princeton University, Princeton, N. J. 1936.

SOLLENBERGER, R. CLEM, Executive Vice President, Conveyor Equipment Manufacturers Association, Washington, D. C. 1945.

SOLT, MARVIN R., Professor of Mathematics, University of New Hampshire, Durham, N. H. 1931.

SOMMERMAN, GEORGE, M. L., Research Engineer, Research Laboratory, Westinghouse Electric Company, Pittsburgh, Pa. 1947.

SOMMERS, B. KLARE, Head of Division of Building Construction, New York State University, Agricultural and Technological Institute, Delhi, N. Y. 1955.

SOO, SHAO L., Associate Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1954.

SORENSEN, E. P., President, Utilities Engineering Institute, 2525 N. Sheffield Ave., Chicago, Ill. 1943.

SORENSEN, GENE L., Chief Laboratory Instructor, Capitol Radio Engineering Institute, Washington, D. C. 1957.

SORENSEN, HARRY A., Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1938.

SORENSEN, ROYAL W., Professor Emeritus of Electrical Engineering, California Institute of Technology, Pasadena, Calif. *Life Member. (Vice President, 1939–40; Member of Council, 1937–40.)* 1912.

SORENSON, ALFRED E., Associate Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1931.

SOSLOWSKI, THADDEUS P., Electrical Engineer, Designing, Dupont Co., Wilmington, Del. 1947.

SOUTHER, JAMES W., Assistant Dean of Engineering, Associate Professor of Humanistic-Social Studies, University of Washington, Seattle 5, Wash. 1950.

SOUTHWORTH, RAYMOND W., Associate Professor of Chemical Engineering, Yale University, New Haven, Conn. 1950.

SOWERS, GEORGE F., Professor of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

SPAFFORD, W. FRANKLIN, Professor and Head, Dept. of Management Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1941.

SPAGNUOLO, JOSEPH E., Associate Professor of Architectural Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1939.

SPAHR, ROBERT H., Retired Administrator, General Motor Institute, Flint, Mich. *Life Member. (Member of Council, 1943–46.) Second Recipient, James H. McGraw Award (1951).* 1928.

SPALDING, ALBERT R., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

SPALDING, FRED L., Assistant Professor of General Engineering, University of Illinois, Urbana, Ill. 1947.

SPALDING, SAMUEL C., JR., Associate Professor of Chemical Engineering, University of Louisville, Louisville, Ky. 1952.

SPANGLER, MERLIN G., Research Professor of Civil Engineering, Iowa State College, Ames, Iowa. 1950.

SPARKS, BEN C., Instructor in Engineering Mechanics, Pennsylvania State University, University Park, Pa. 1957.

SPARKS, NORMAN R., Professor and Head, Dept. of Mechanical Engineering, The Pennsylvania State University, University Park, Pa. 1946.

SPARROW, THERON A., Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1948.

SPEAR, JOSEPH, Professor of Mathematics, Northeastern University, Boston, Mass. 1926.

SPEARS, SHOLTO M., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1957.

SPEECE, HERBERT E., Assistant Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1953.

SPEER, GEORGE S., Professor and Director of Psychological Services, Illinois Institute of Technology, Chicago, Ill. 1946.

SPEIDEN, HENRY W., Professor and Head, Dept. of Civil Engineering, West Virginia University, Morgantown, W. Va. 1937.

SPENCE, DAVID W., Engineer, Industrial Instrumentation Division, Texas Instruments, Incorporated, Houston, Tex. 1951.

SPENCE, RICHARD S., Associate Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1945.

SPENCE, ROBERT A., Assistant Professor of Civil Engineering, University of British Columbia, Vancouver, B. C. 1952.

SPENCER, DONALD L., Assistant Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa. 1957.

SPENCER, ERNEST L., Associate Professor of Civil Engineering, Northeastern University, Boston 15, Mass. 1955.

SPENCER, GEORGE E., Professor and Head of Agricultural Engineering, Purdue University, Lafayette, Ind. (*Member of Council, 1958–.*) 1947.

SPENCER, HENRY C., Professor and Director, Dept. of Technical Drawing, Illinois Institute of Technology, Chicago 16, Ill. (*Member of Council, 1950–52.*) 1931.

SPENCER, HERBERT H., Lecturer in Civil Engineering, Columbia University, New York, N. Y. 1956.

SPENCER, HERBERT L., Executive Director, S. H. **Kress Foundation, New York, N. Y. 1942.**

SPENCER, JAMES W., Associate Professor of Agricultural Engineering, Cornell University, Ithaca, N. Y. 1956.

SPENCER, JOHN H., Instructor in Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1958.

SPENNER, FRANK J., Associate Professor of Electrical Engineering, University of Wyoming, Laramie, Wyo. 1946.

SPERRY, CLAUDE J., JR., Assistant Professor of Electrical Engineering, Tulane University, New Orleans 18, La. 1955.

SPERRY, JAMES L. V., Professor of Mechanical Engineering, The Detroit Institute of Technology, Detroit 35, Mich. 1957.

SPEWACHEK, ERWIN G., Assistant Professor of General Engineering, Marquette University, Milwaukee, Wis. 1950.

SPIELMAN, JOHN P., Dean of Engineering and Mineral Technology, Washington State College, Pullman, Wash. 1946.

SPIES, HENRY R., Science Editor, Spencer Press, Champaign, Ill. 1956.

SPILHAUS, ATHELSTAN F., Dean, Institute of Technology, University of Minnesota, Minneapolis, Minn. 1947.

SPINDLER, G. RALPH, Director-Professor, School of Mines, West Virginia University, Morgantown, W. Va. 1953.

SPINNA, ROBERT J., Assistant Professor of Civil Engineering, Manhattan College, New York, N. Y. 1956.

SPINNER, A. H., Associate Professor of Engineering Economics, Stevens Institute of Technology, Hoboken, N. J. 1956.

SPINNEY, FREDERICK B., Assistant Professor, Mechanical Department, University of New Brunswick, Fredericton, N. B., Canada. 1957.

SPITLER, EVERETT E., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1957.

SPITZER, CHARLES F., Manager, Solid State Electronics, Lockheed Missile System Division, Palo Alto, Calif. 1945.

SPIVERY, ERNEST C., Cooperative Coordinator, Army Ballistic Missile Agency, Huntsville, Ala. 1957.

SPOKES, ERNEST M., Professor of Mining Engineering, University of Kentucky, Lexington, Ky. 1957.

SPRENKLE, RAYMOND E., Director of Education, Bailey Meter Company, East Cleveland, Ohio. 1958.

SPRIEGEL, WILLIAM R., Professor of Management, University of Texas, Austin, Tex. 1940.

SPRINGER, CLIFFORD H., Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1927.

SPRINGER, EDWIN K., Professor of Mechanical Engineering, University of Southern California, Los Angeles 7, Calif. 1945.

SPRINGER, RICHARD D., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1945.

SPROUL, OTIS J., Assistant Professor of Civil Engineering, University of Maine, Orono, Me. 1957.

SPROUL, ROBERT G., President Emeritus, University of California, Berkeley, Calif. 1949.

SPRY, FRED J., Professor Emeritus of Civil Engineering, Cornell University, Ithaca, N. Y. (Home address: 605 Mitchell St., Ithaca, N. Y.) 1941.

SPUHLER, HAROLD A., Research Associate in Electrical Engineering, University of Illinois, Urbana, Ill. 1954.

SPURLOCK, BENJAMIN H., JR., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1940.

SQUIRE, EDWARD J., Consulting Engineer and Vice President, Lockwood, Kessler and Bartlett, Incorporated, Syosset, N. Y. *Life Member.* 1929.

STACE, FRANCIS N., Managing Editor, Technical Publications, Limited, Wellington, New Zealand. 1939.

STAFFORD, ALFRED B., Professor of Engineering, Arizona State College, Tempe, Ariz. 1948.

STAFFORD, PAUL M., Professor and Head of General Engineering, South Dakota School of Mines and Technology, Rapid City, S. D. 1953.

STAFFORD, WILLIAM C., Director of Professional Development, Daystrom, Incorporated, Murray Hill, N. J. 1957.

STAHL, KARL H., Assistant Dean of Engineering and Professor of Applied Mathematics, University of Colorado, Boulder, Colo. 1948.

STAINTON, ROBERT S., 2909 Huntington Rd., Cleveland 20, Ohio. 1941.

STAIR, WILLIAM K., Associate Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

STALLMAN, EDWARD B., Personnel Supervisor, Bell Telephone Laboratories, Murray Hill, N. J. 1956.

STALLMEYER, JAMES E., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1955.

STALLWORTH, THOMAS W., Chairman of Civil Engineering, University of Mississippi, University, Miss. 1951.

STAMPER, EUGENE, Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1954.

STANDIFER, LEE ROY, Instructor in Mechanics, U. S. Air Force Academy, Colorado. 1958.

STANEK, FLOYD J., Senior Research Engineer, Applied Mechanics & Stress Analysis Section, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1955.

STANISZEWSKI, FELIX P., Senior Engineer, Sylvania Electric Company, Buffalo, N. Y. 1950.

STANLEY, PAUL E., Professor of Aeronautical Engineering, Purdue University, Lafayette, Ind. 1948.

STANLEY, ROBERT L., Executive Secretary, Diesel Engine Manufacturers Association, 2000 K St., N.W., Washington 6, D. C. 1942.

STANLEY, WILLIAM J., Instructor in Mechanical Engineering, University of Illinois, Navy Pier, Chicago 11, Ill. 1958.

STANNARD, GEORGE E., Associate Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1952.

STANSBURY, E. E., Professor of Metallurgical Engineering, University of Tennessee, Knoxville, Tenn. 1950.

STANTON, CHAS. B., Professor Emeritus of Civil Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. (Home: 1143 Valencia Arcadia, Calif.) *Life Member.* 1915.

STANTON, WYLLYS G., Professor of Industrial Engineering, University of Alabama, University, Ala. 1945.

STAPH, HORACE E., Assistant Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1953.

STAPLES, CARLTON W., Assistant Professor, Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1948.

STAPLETON, H. N., Agricultural Engineer, Shelburne Farms, Shelburne, Vt. 1947.

STAPLEY, EDWARD R., Dean Emeritus of Engineering, Oklahoma State University, Stillwater, Okla. (*Life Member.*) 1926.

Stark, Lawrence E., Associate Professor of Engineering Drawing, Texas A. & M. College, College Station, Tex. 1951.

Stark, Robert M., Assistant Dean of Engineering, Fenn College, Cleveland 15, Ohio. 1957.

Stark, Walter, Project Director City Planning Division, Morris Knowle's, Inc., Erie, Pa. 1957.

Starkey, Walter L., Professor of Mechanical Engineering, Ohio State University, Columbus, Ohio. 1952.

Starnes, Dewey E., Chief of Training Division, Personnel Department, Naval Ordnance Laboratory, White Oak, Silver Spring, Md. 1948.

Starr, Charles J., Associate Professor of Mechanical Engineering, Emeritus, University of Illinois, Urbana, Ill. (Home: 606 West Nevada St., Urbana, Ill.) *Life Member* 1921.

Starr, Ernest W., Professor and Head, Dept. of Electrical Engineering, Cooper Union, New York, N. Y. 1948.

Starr, M. Orlando, Standards Engineer, Convair, San Diego, Calif. 1943.

Stashak, Gerald J., Publisher's Representative, International Textbook Company, Scranton, Pa. 1957.

Stathopoulos, George T., Consulting Engineer, 7 Asklipiou St., Athens, Greece. 1958.

Staton, Rocker T., Jr., Assistant Dean of Engineering and Professor of Industrial Engineering, Georgia Institute of Technology, Atlanta, Ga. 1950.

Statt, Cyril J., Manager of Manufacturing Engineering Department, General Electric Company, New Hartford, N. Y. 1957.

Staub, Albert E., Instructor in Technical Institute, University of Dayton, Dayton, Ohio. 1958.

Staudet, Lawrence F., Associate Professor of Electrical Engineering, University of Notre Dame, Notre Dame, Ind. 1938.

Stauffer, J. Reiff K., Associate Professor of Mathematics, University of Rhode Island, **Kingston, R. I. 1947.**

Stavely, Earl B., Associate Dean of Engineering and Architecture, Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. (*Member of Council, 1953–56.*) 1920.

St. Clair, Charles R., Experiment Group Leader, Applied Research, Avco Manufacturing Company, Lawrence, Mass. 1951.

St. Clair, Oscar A., Professor of Industrial Engineering and Assistant Dean of Engineering, Texas Technological College, Lubbock, Tex. 1934.

Stearns, Frederick A., Professor of Mechanical Engineering, Northeastern University, Boston 15, Mass. 1926.

Stearns, S. Russell, Professor of Civil Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1945.

Steel, Ernest W., Professor of Civil Engineering, University of Texas, Austin, Tex. 1951.

Steele, Francis W., Associate Professor of Civil Engineering, Howard University, Washington, D. C. 1948.

Steele, Kenneth, Head, Physics Dept., Tri State College, Angola, Ind. 1951.

Steele, Montgomerie C., Stress and Vibration Engineer, AiResearch, Phoenix, Ariz. 1955.

Steele, William H., Instructor in Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1957.

Stefani, Luis, Vice Chancellor, College of Agriculture and Mechanic Arts, University of Puerto Rico, Mayaguez, P. R. 1947.

Steffens, Jerome, Associate Professor of Civil Engineering, The Catholic University of America, Washington 17, D. C. 1953.

Stegman, George K., Assistant Professor and Chairman of Engineering Drawing, West Virginia Institute of Technology, Montgomery, West Va. 1958.

Steidel, Robert F., Jr., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1955.

Stein, I. Melville, President, Leeds and Northrup Co., 4901 Stenton Ave., Philadelphia 44, Pa. 1944.

Stein, Robert, Assistant Professor of Electrical Engineering, City College of New York, New York, N. Y. 1950.

Steinberg, Abraham H., Instructor in English, Newark College of Engineering, Newark 2, N. J. 1958.

Steinberg, Max J., Adjunct Professor, Mech. Engr. Dept., Brooklyn Polytech. Inst. and Ind. Engr., Dept., NYU, Division Engineer of Consolidated Edison Co. of New York, Inc., New York, New York. 1955.

Steinberg, S. S., President, Technological Institute of Aeronautics, São José dos Campos, São Paulo, Brazil. (*Vice President, 1947–49; Member of Council, 1946–48; 1949–50.*) 1935.

Steinbruegge, George W., Professor of Agricultural Engineering, University of Nebraska, Lincoln 3, Nebr. 1950.

Steiner, Celestin J., S. J., President, University of Detroit, Detroit, Mich. 1949.

Steinhauser, Anton L., Associate Professor of Mechanical Engineering, College of the City of New York, New York, N. Y 1948.

Steinhauser, Harry H., Jr., Associate Professor of Chemical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1944.

Steinkamp, Albert L., Associate Professor of Industrial Engineering, Southern Technical Institute, Chamblee, Ga. 1948.

Steinman, D. B., Consulting Engineer, 117 Liberty St., New York 6, N. Y. 1910.

Stelling, Harry R., Instructor in English, Tri State College, Angola, Ind. 1953.

Stellrecht, Donald H., Instructor in Drawing, Mechanics and Design, University of Buffalo, N. Y. 1957.

Stelson, Thomas Eugene, Assistant Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1953.

Stelzner, William B., Professor Emeritus, Dept. of Electrical Engineering, University of Arkansas, Fayetteville, Ark. *Life member.* 1914.

Stene, John K., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1950.

Stenis, Tom B., Associate Professor of Electrical Engineering, Texas Technical Institute, Lubbock, Tex. 1947.

Stensaas, Elden R., Professor and Head, Dept. of Mechanical Engineering, Union College (1087 Glenwood Blvd., Schenectady 8, N. Y.) 1947.

Stephan, Erich R., Associate Professor of Mechanical Engineering, University of Connecticut, Storrs, Conn. 1938.

Stephans, Clarence H., Director of Industrial Relations and Special Courses, Newark College of Engineering, Newark, N. J. 1943.

Stephenson, Harold P., Associate Professor of Mechanical Engineering, Duke University, College of Engineering, Durham, N. C. 1958.

Stephenson, Kermit Q., Instructor in Agricultural Engineering, University of Arkansas, Fayetteville, Ark. 1957.

Stephenson, Richard, Professor of Nuclear Engineering, School of Engineering, University of Connecticut, Storrs, Conn. 1947.

Sterling, Gustavo R., Dean, School of Engineering, University of Havana, Havana, Cuba. 1945.

Stern, Harry, Associate Professor of Chemical Engineering, State College of Washington, Pullman, Wash. 1950.

Stern, Paul H., Instructor in General Engineering, University of Washington, Seattle, Wash. 1956.

STERNER, WILLIAM J., Electronic Instructor, Central Technical Institute, Kansas City, Mo. 1956.

STETSON, GEORGE A., Editor, American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N. Y. (*Member of Council, 1931–34.*) 1926.

STETT, JOSEPH D., Chairman, Department of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1942.

STEVASON, CARL C., Associate Professor of Mechanical Engineering, Notre Dame University, Notre Dame, Ind. 1942.

STEVEN, JAMES R., Associate Professor of Civil Engineering, City College of New York, New York, N. Y. 1949.

STEVENS, ALEXANDER C., 486 Joalca Ave., Winter Park, Fla. *Life member.* 1912.

STEVENS, HOWARD E., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1934.

STEVENS, JOHN A., Associate Professor of Civil Engineering, University of Miami, Miami, Fla. 1952.

STEVENS, ROGER G., Professor and Head, Dept of Chemical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1952

STEVENS, WILLIAM F., Associate Professor of Chemical Engineering, Northwestern University, Evanston, Ill. 1954.

STEVENS, WILLIAM J., Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1929.

STEVENSON, MERLON L., Head, Mathematics and Physical Science Division, Weber College, Ogden, Utah. 1943.

STEVENSON, PAUL N., Associate Professor of Agricultural Engineering, Kansas State College, Manhattan, Kan. 1958.

STEVENSON, WILLIAM D., JR., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1941.

STEWARD, MATTHEW W., Associate Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1958.

STEWART, ALBERT A., Associate Professor of Mechanical Engineering, Bradford Durfee College of Technology, Fall River, Mass. 1953.

STEWART, ALVIN E., Graduate Student in Agricultural Engineering, University of California, Davis, Calif. 1949.

STEWART, HARRIET B., Instructor in Engineering and English, Lain Technical Institute, Indianapolis, Ind. 1958.

STEWART, JOHN L., Associate Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1957.

STEWART, NATHANIEL, Staff Advisor, Industrial Relations and Manpower, Department of the Navy, 2873 South Abingdon St., Arlington 6, Va. 1957.

STEWART, ORVAL C., Instructor in Mechanical Engineering, West Virginia University, Morgantown, West Va. 1958.

STEWART, PAUL B., Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1950.

STEWART, RICHARD B., Associate Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1950.

STEWART, ROBERT E., Professor of Agricultural Engineering, University of Missouri, Columbia, Mo. 1950.

STEWART, WALTER W., Staff Assistant, Research and Development Department, American Viscose Corporation, 1617 Penn Blvd., Philadelphia 3, Pa. 1956.

STEYER, CARL C., Asst. Professor of Engineering Mechanics, University of Texas, Austin, Texas. 1950.

STEIMKE, ROBERT E., Director, School of Civil Engineering, Georgia Institute of Technology, Atlanta, Ga. 1943.

STIENING, FRANK H., 82 Hoodridge Drive, Pittsburgh 28, Pa. 1940.

STIFF, ROBERT S., College Relations Representative, Personnel Department, Chance Vought Aircraft, Incorporated, Dallas, Tex. 1957.

STILES, RAEBURN B., Associate Professor of Applied Mathematics, Vanderbilt University, Nashville, Tenn. 1956.

STILES, WILLIAM B., Professor and Head of Engineering Mechanics, University of Alabama, University, Ala. 1938.

STILL, A. JOHN, Associate Professor of Chemical Engineering, University of Alabama, University, Ala. 1948.

STILLMAN, DONALD G., Professor and Chairman, Dept. of Liberal Studies, Clarkson College of Technology, Potsdam, N. Y. (*Member of Council, 1955–57.*) 1949.

STILLWELL, HENRY S., Professor and Head, Dept. of Aeronautical Engineering, University of Illinois, Urbana, Ill. 1944.

STINSON, JAMES R., Instructor in Geophysics and Geophysical Engineering, St. Louis University Institute of Technology, St. Louis, Mo. 1955.

STINSON, KARL W., Professor of Mechanical Engineering, The Ohio State University, Columbus 10, Ohio. 1924.

STINSON, SAMUEL T., Associate Professor and Assistant Head of Engineering, Marshall College, Huntington, W. Va. 1946.

STINSON, WILLIAM G., Assistant Professor of Engineering Drawing, Queen's University, Kingston, Ontario, Canada. 1952.

STITH, RAYMOND J., Assistant Professor of Civil Engineering, University of Dayton, Dayton, Ohio. 1955.

STITZ, ERWIN O., Professor of Engineering Sciences, Purdue University, Lafayette, Ind. 1942.

ST. JOHN, JAMES E., Assistant Professor of Architecture, Agricultural and Mechanics College of Texas, College Station, Tex. 1957.

STOCK, GENE B., Instructor in Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

STOCK, ORION L., Professor Emeritus of Engineering Drawing, Rose Polytechnic Institute, Terre Haute, Ind. (Home address: 1393 South Shore Drive, Frankfort, Mich.) *Life Member.* 1929.

STOECKER, WILBERT F., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

STOCK, WILFRED A., Instructor in Mathematics, Purdue University, Calumet Center, Hammond, Ind. 1954.

STOCKARD, RAYMOND H., Director of Placement, Public Relations, University of Rhode Island, Kingston, R. I. 1951.

STOCKER, DONALD V., Assistant Professor of Electrical Engineering, Wayne State University, Detroit 2, Mich. 1957.

STOCKER, GEORGE P., Associate Professor of Engineering, Arkansas Agricultural and Mechanical College, College Heights, Ark.; Dean Emeritus, University of Arkansas, Fayetteville, Ark. *Life Member.* 1921.

STODDARD, ROBERT J., Vice President, American Hoist & Derrick Co., 63 S. Robert St., St. Paul 1, Minn. 1947.

STOEVER, HERMAN J., Professor of Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1942.

STOKER, WARREN C., Dean of Hartford Graduate Division, Rensselaer Polytechnic Institute, East Windsor Hill, Conn. 1949.

STOKEY, WILLIAM F., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1952.

STOLARIK, EUGENE, Associate Professor of Aeronautical Engineering, University of Minnesota, Minneapolis, Minn. 1948.

STOLL, CHARLES B., Editor, John Wiley & Sons, Inc., 440 Fourth Avenue, New York 16, N. Y. 1952.

STOLWORTHY, EDWARD H., Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1923.

STONE, GERALD P., Associate Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1956.

STONE, HAMILTON L., Associate Professor of Engineering, San Diego State College, San Diego, Calif. 1952.

STONE, L. E., Personnel Manager, The Chemstrand Corporation, Decatur, Ala. 1954.

STONE, LOUIS N., Professor and Head of Electrical Engineering, Oregon State College, Corvallis, Ore. 1949.

STONE, OLIVER M., Associate Professor and Head of Engineering Drawing, Case Institute of Technology, Cleveland, Ohio. (*Member of Council, 1947–49.*) 1928.

STONE, PAUL W., Physics Section Head, Science Dept., General Motors Institute, Flint, Mich. 1952.

STONE, ROBERT L., Professor and Chairman of Ceramic Engineering, University of Texas, Austin, Texas. 1954.

STONE, SANFORD H., Associate Professor of Civil Engineering, San Diego State College, San Diego, Calif. 1956.

STONE, WALKER G., Editor and Assistant Vice President, John Wiley & Sons, Incorporated, 440 Fourth Avenue, New York 16, N. Y. 1948.

STONEKING, CHARLES E., Professor of Engineering Mechanics, Georgia Institute of Technology, Atlanta, Ga. 1948.

STORCH, HAROLD, Assistant Professor of Engineering, Los Angeles State College, Los Angeles, Calif. 1956.

STORK, WILFORD L., Professor of Drafting, The City College of the College of the City of New York, New York 31, N. Y. 1939.

STORRY, J. O., Professor of Electrical Engineering, South Dakota State College, Brookings, S. Dak. 1948.

STOTTLEMYER, PAUL C., Structures Engineer, Douglas Aircraft Company, Venice, Calif. 1954.

STOTTS, OSMAN O., Instructor in Diesel Engineering, School of Technology, University of Houston, Houston, Tex. 1951.

STOUDT, T. GLENWOOD, Administrative Head, The Pennsylvania State University Wyomissing Center, 814 Hill Ave., Wyomissing, Pa. 1948.

STOUGH, BESSIE N., Assistant Professor of Mathematics, Michigan College of Mining and Technology, Sault Branch, Sault Ste. Marie, Mich. 1948.

STOUGHTON, BRUCE C., Associate Professor of Industrial Engineering, University of Houston, Houston, Tex. 1951.

STOUT, CLAUDE E., Chairman, Mathematics and Engineering Mechanics, General Motors Institute, Flint, Mich. 1950.

STOUT, KOEHLER S., Associate Professor of Mining Engineering, Montana School of Mines, Butte, Mont. 1956.

STOUT, LAWRENCE E., Professor and Head of Chemical Engineering, Washington University, St. Louis, Mo. (*Member of Council, 1953–55.*) 1944.

STOUT, MELVILLE B., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929.

STOUT, ROBERT D., Head of Metallurgical Engineering, Lehigh University, Bethlehem, Pa. 1953.

STOUT, THOMAS M., Manager, Process Appliance Department, Thompson-Ramo-Wooldridge Products Company, Box 90067 Airport Station, Los Angeles 45, Calif. 1948.

STOVER, EMORY F., Professor and Director, Dept. of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1945.

STOWE, JOHN H., Assistant Professor of Mathematics, Marquette University, Milwaukee, Wis. 1955.

STRAIN, BOYD P., JR., Instructor in Civil Engineering, Howard University, Washington, D. C. 1957.

STRAIT, JOHN M., Associate Professor, Mechanical Engineering Dept., College of Engineering, West Virginia University, Morgantown, W. Va. 1950.

STRAITON, ARCHIE W., Director, Electrical Engineering Research Laboratory, Professor of Electrical Engineering, University of Texas, Austin, Texas. 1933.

STRANDH, ERNST S., Scientific Advisor to Swedish Embassy, New York, N. Y. 1955.

STRATE, J. T., Professor and Head of Mechanical Engineering, Colorado State University, Fort Collins, Colo. (*Member of Council, 1949–50.*) 1932.

STRATTON, JULIUS A., Acting President and Chancellor, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

STRAUB, ARTHUR L., Associate Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1948.

STRAUB, LORENZ G., Professor of Hydraulics, Head, Department of Civil Engineering, Director, St. Anthony Falls Hydraulic Laboratory, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1939–42.*) 1930.

STRAUSS, HOWARD E., Associate Professor of Mechanical Engineering, University of Buffalo, Buffalo, N. Y. 1948.

STRAUSSER, HOWARD S., JR., Associate Professor of Civil Engineering, University of Washington, Seattle 5, Wash. 1951.

STREAT, WILLIAM A., JR., Professor of Architecture, A. & T. College of North Carolina, Greensboro, N. C. 1952.

STREET, JULIAN, JR., Staff Director, Educational Aids and Technical Public Relations, United States Steel Corporation, 71 Broadway, New York, N. Y. 1957.

STREET, WILLIAM E., Professor and Head, Dept. of Engineering Drawing, Texas A. & M. College, College Station, Texas. 1929.

STREETER, HARRISON, Instructor in General Engineering, University of Illinois, Urbana, Ill. 1958.

STREETER, VICTOR L., Professor of Hydraulics, University of Michigan, Ann Arbor, Mich. 1942.

STREIB, WILLIAM JAMES, Assistant Professor of Electrical Engineering, State University of Iowa, Iowa City, Iowa. 1953.

STREUBEL, ERNEST J., Dean Emeritus, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. (Home: 53 Rynda Rd., South Orange, N. J.) *Life member.* 1925.

STRITE, KENNETH L., Assistant Director of Engineering Training, Northrop Aeronautical Institute, Inglewood, Calif. 1957.

STRODE, WILLARD, Associate Professor of Architecture and Architectural Engineering, Kansas University, Lawrence, Kan. 1955.

STROM, GORDON H., Professor of Aeronautical Engineering, New York University, New York, N. Y. 1943.

STRONG, EVERETT M., Professor of Electrical Engineering, Director, Engr. Ind. Co-op. Program, Cornell University, Ithaca, N. Y. 1939.

STRONG, FOSTER, Dean of Freshmen, Assistant Professor of Physics, California Institute of Technology, Pasadena, Calif. 1946.

STRONG, JAMES D., Department Director and ROTC Advisor, Corps of Engineers, United States Army, The Engineer School, Fort Belvoir, Va. 1956.

STRONGMAN, RUSHTON B., Coordinator of Cooperative Education, Henry Ford Community College, Dearborn, Mich. 1957.

STROUT, GEORGE M., Chairman in Mathematics and Physics, Hudson Valley Technical Institute, Troy, N. Y. 1956.

STROUT, ROSS P., Associate Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1950.

STRUM, ROBERT D., Assistant Professor of Electrical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1951.

STRUNK, MAILAND R., Associate Professor of Chemical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

STUART, EDWARD B., Associate Professor of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

STUART, HARLAND F., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1942.

STUBBLEBINE, ALBERT N., JR., College of Engineering, University of Florida, Gainesville, Fla. 1957.

Stubbs, Frank W., Jr., Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1933.

Stubbs, Grady G., Head, English Section, General Motors Institute, Flint, Mich. 1954.

Stubbs, Harold L., Professor of Mathematics, Northeastern University, Boston, Mass. 1957.

Studer, Jack J., Lecturer in Electrical Engineering, University of California, Berkeley, Calif. 1958.

Studnicki, Raymond P., Instructor of Industrial Engineering, Bradley University, Peoria, Ill. 1955.

Sturgis, Horace W., Associate Registrar, Georgia Institute of Technology, Atlanta, Ga. 1944.

Sturm, Rolland G., Senior Partner, Sturm & O'Brien, Consulting Engineers, First National Bank Building, Auburn, Ala. 1944.

Sturrack, Walter, Associate Professor of Electrical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1955.

Stutzman, Leroy F., Director of Research, Remington Rand Univac, 6600 Emerson Avenue, St. Paul, Minn. 1948.

Stuve, Frederick W., Assistant Professor of Aeronautical Engineering, Iowa State College, Ames, Iowa. 1956.

Styles, Hugh John, Professor and Head of Drawing, Queens University, Kingston, Ontario, Canada. 1956.

Stynes, Stanley K., Instructor in Chemical Engineering, Wayne State University, Detroit, Mich. 1957.

Su, Guoq-Jen, Professor of Chemical Engineering, University of Rochester, River Campus Station, Rochester 20, N. Y. 1949.

Suer, Herbert S., Senior Engineer, Structures Department, North American Aviation, Inc., Los Angeles, Calif. 1949.

Suita, Tokuo, Professor of Electrical Eng., College of Engineering, University of Osaka, Osaka, Japan. 1954.

Sulkowski, Eugene L., Assistant Director, Pennsylvania Technical Institute, Pittsburgh, Pa. 1958.

Sullenberger, Robert A., Instructor in Tool Engineering, Utah State University, Logan, Utah. 1958.

Sullivan, Francis J., Associate Professor of Mechanical Engineering, University of Maine, Orono, Maine. 1938.

Sullivan, Geo. L., Dean Emeritus, College of Engineering, University of Santa Clara, Santa Clara, Calif. (*Member of Council, 1943–45.*) 1912.

Sullivan, James F., Chairman of Electrical Engineering, Merrimack College, North Andover, Mass. 1957.

Sullivan, Thomas E., Director of Pre-Engineering Department, Rockhurst College, Kansas City 10, Mo. 1955.

Sullivan, Turner M., Instructor in Heating and Air Conditioning, Southern Technical Institute, Chamblee, Ga. 1956.

Sullivan, William L., Professor and Head of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1953.

Sullo, Robert L., Assistant Professor of Civil Engineering, Marquette University, Milwaukee, Wis. 1949.

Summers, Robert E., Dean of Admissions and Records, Professor of Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1939.

Sumwalt, Robert L., Acting President, University of South Carolina, Columbia, S. C. (*Member of Council, 1953–55.*) 1933.

Sun, Hun H., Associate Professor of Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1956.

Sunderland, James E., Assistant Professor of Mechanical Engineering Northwestern University, Evanston, Illinois. 1957.

Sung, Sing Zak, Acting Head of Engineering, Hong Kong Technical College, Kowloon, Hong Kong. 1951.

Suppiger, Edward W., Professor of Mechanical Engineering, Princeton University, Princeton, N. J. 1952.

Surbaugh, John W., Associate Professor of Mathematics, University of Cincinnati, Cincinnati 21, Ohio. 1946.

Susat, Edward C., Director of Cooperative Training, Evansville College, Evansville, Ind. 1948.

Süsskind, Charles, Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1953.

Suter, Anna K., Assistant Professor of Mathematics, Purdue University, T.E.D., Indianapolis, Ind. 1956.

Sutherland, Hale, Professor Emeritus of Civil Engineering, Moylan, Pa. *Life Member.* 1914.

Sutton, Richard M., Professor of Physics, Case Institute of Technology, Cleveland, Ohio. 1958.

Sutherland, Robert L., Professor of Mechanical Engineering, University of Wyoming, Laramie, Wyo. 1957.

Sutherland, William A., Member, New Jersey State Board of Education, Liberty Corner, N. J. 1957.

Sutton, Willard J., Associate Professor, Ceramic Engineering, Alfred University, Alfred, N. Y. 1948.

Svensen, Carl L., Technical Writer, 905 West 29th Street, Austin 5, Tex. 1909.

Svenson, Carl L., Associate Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

Swalm, Ralph O., Associate Professor of Industrial Engineering, Syracuse University, Syracuse, N. Y. 1948.

Swanson, Carl A., Head of Mechanical Shops, Wentworth Institute, Boston, Mass. 1956.

Swanson, Edgar L., Associate Professor of Mathematics, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

Swanson, Roger P., Head, Aircraft Department, Wentworth Institute, Boston, Mass. 1956.

Swearingen, Lloyd E., Vice President, Development and Research, University of Oklahoma, Norman, Okla. 1947.

Swedlow, Jerold L., Research Engineer, Advanced Engineering Department, Ingersoll-Rand Company, Phillipsburg, N. J. 1957.

Sweeney, Ronald J., Consultant, Hellertown, R. I., Pa. 1948.

Sweigert, Ray L., Dean, Division of Graduate Studies, Georgia Institute of Technology, Atlanta, Ga. (*Member of Council, 1936–39.*) 1929.

Sweinberg, Leroy A., Assistant Professor of Engineering and Architecture, Pennsylvania State University, University Park, Pa. 1956.

Swenson, C. Robert, Assistant Professor of Mathematics, Georgia Institute of Technology, Atlanta, Ga. 1956.

Swenson, Floyd D., Instructor in Civil Engineering, Montana State College, Bozeman, Mont. 1956.

Swenson, H. Raymond, Assistant Professor of Industrial Engineering, Illinois Institute of Technology, Chicago, Ill. 1954.

Swift, Marvin H., Head of Coordination Report Section, English and Cultural Studies Department, General Motors Institute, Flint 2, Mich. 1952.

Swift, Robert G., Director, Engineering School, Bell Telephone Company of Pennsylvania, 121 North Broad Street, Philadelphia 7, Pa. 1955.

Swift, Roy E., Professor of Metallurgical Engineering, University of Kentucky, Lexington, Ky. 1940.

Swift, Wayne B., Associate Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1952.

Swigart, Oral R., Associate Professor of Mechanical Engineering, Pennsylvania State University, University Park, Pa. 1954.

SWINK, EARL T., Head of Agricultural Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

SWINSON, WELDON F., Instructor in Mechanical Engineering, Texas Technological College, Lubbock, Tex. 1957.

SWOFFORD, RALPH P., JR., Major General, Director of Research & Devel., Headquarters U.S.A.F., Washington, D. C. 1953.

SWORD, EDWARD C., Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1957.

SYLVESTER, ROBERT O., Professor of Sanitary Engineering, University of Washington, Seattle 5, Wash. 1949.

SYMONDS, PAUL S., Professor of Engineering, Brown University, Providence, R. I. 1956.

SYMONIK, EMIL F., Professor and Head of English, Milwaukee School of Engineering, Milwaukee, Wis. 1953.

SYVERSON, ALDRICH, Professor of Chemical Engineering, Ohio State University, Columbus, Ohio. 1952.

SZABO, A. J., Associate Professor of Civil Engineering, Southwestern Louisiana Institute, Lafayette, La. 1956.

SZCZEPANIAK, EDWARD A., Assistant Professor of Aeronautical Engineering, University of Detroit, Detroit 28, Mich. 1948.

SZCZERBACKI, STEVE, 6003 West 53rd Terrace, Mission, Kans. 1948.

SZEGO, GEORGE C., Manager, Electro-Magnetics Flight Propulsion Laboratory, General Electric Company, Fallis Road, Loveland, Ohio. 1950.

SZEWS, ALFRED P., Assistant Instructor in Electrical Engineering, Marquette University, Milwaukee, Wis. 1957.

SZYMANSKI, EDWARD A., Associate Professor of Electrical Engineering, Wayne State University, Detroit, Mich. 1949.

TABER, ALDEN P., Professor of Metallurgical Engineering, Syracuse University, Syracuse, N. Y. 1958.

TABER, BOND, 232 Maple Ave., Ridgewood, N. J. 1953.

TAECKER, ROLLIN G., Director, International School of Nuclear Science and Engineering, Argonne National Laboratory, Lemont, Ill. 1948.

TAFT, FREDERICK L., Professor and Executive Officer of Language & Literature, Case Institute of Technology, Cleveland, Ohio. 1949.

TAGUE, JAMES R., Assistant Professor in General Engineering, University of Illinois, Urbana, Ill. 1954.

TAIT, RALPH S., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1921.

TALLMADGE, JOHN A., JR., Assistant Professor of Chemical Engineering, Yale University, New Haven, Conn. 1958.

TANER, M. TURHAN, Civil Engineering, 2085 Fairmount Avenue, St. Paul 5, Minn. 1957.

TANG, K. Y., Professor of Electrical Engineering, The Ohio State University, Columbus 10, Ohio. 1928.

TANGER, GERALD E., Associate Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1951.

TANYOLAC, NEOMI N., Professor of Electrical Engineering, Robert College, Mehendis mektebi, Bebek-Istanbul, Turkey. 1958.

TAO, L. N., Assistant Professor of Mechanics, Illinois Institute of Technology, Chicago, Ill. 1957.

TAPY, RALPH W., Professor of Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1934.

TARBOUX, JOSEPH G., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

TARBUTTON, JAMES S., Associate Professor of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1957.

TARPLEY, HAROLD I., Professor of Electrical Engineering, The Pennsylvania State University, University Park, Pa. (*Member of Council, 1958–.*) 1934.

TASSONEY, JOSEPH P., Assistant Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1957.

TATE, BOYCE D., Instructor in Mechanical Engineering, Virginia Military Institute, Lexington, Va. 1956.

TATMAN, WILLIAM R., Director of College Relations, Personnel Relations, American Telephone and Telegraph Company, New York, N. Y. 1957.

TASSONEY, JOSEPH P., Assistant Professor of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1957.

TATNALL, FRANCIS G., Vice President and General Manager, Tatnall Measuring Systems Company, P. O. Box 245, Phoenixville, Pa. 1935.

TATUM, FINLEY W., Professor and Chairman, of Electrical Engineering, Southern Methodist University, Dallas, Texas. 1947.

TAULBEE, PRESTON L., Manager, Systems Design, Lockheed Missile Systems Division, Palo Alto, Calif. 1944.

TAUXE, GEORGE J., Lecturer in Engineering and Associate Engineer, University of California, Los Angeles 24, Calif. 1947.

TAYLOR, ALTON D., Assistant Dean, Head, Civil Engineering Dept., Ohio Northern University, Ada, Ohio. 1936.

TAYLOR, ARTHUR C., JR., Associate Professor of Mechanics and Drawing, Virginia Military Institute, Lexington, Va. 1958.

TAYLOR, BRITTON M., Manager, Personnel Section, Engineering Dept., E. I. du Pont de Nemours & Co., Wilmington, Del. 1949.

TAYLOR, CHARLES E., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1955.

TAYLOR, DELOS C., Professor of Applied Mechanics, Kansas State College, Manhattan, Kan. 1932.

TAYLOR, EDWIN J., JR., Dean, College of Applied Science, Ohio University, Athens, Ohio. 1947.

TAYLOR, FRANCIS M., Professor, Dept. of Chemical Engineering, Tulane University, New Orleans 18, La. 1939.

TAYLOR, FRANK M., Associate Professor of Civil Engineering, University of Maine, Orono, Maine. 1941.

TAYLOR, GEORGE A., Professor of Engineering and Management, Thayer School, Dartmouth College, Hanover, N. H. 1949.

TAYLOR, HOWARD F., Professor of Metallurgy, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

TAYLOR, JAMES I., Instructor in Civil Engineering, Fenn College, Cleveland, Ohio. 1958.

TAYLOR, JOHN G., JR., Assistant Professor of Drawing, Mississippi State University, State College, Miss. 1957.

TAYLOR, JOHN W., Vice-President, College Department, McGraw-Hill Book Company, 330 West 42nd Street, New York 36, N. Y. 1955.

TAYLOR, K. AUSTIN, Director of Research, International Paper Company, Glen Falls, N. Y. 1949.

TAYLOR, LANGDON B., Professor of Petroleum Engineering, New Mexico School of Mines, Socorro, N. M. 1954.

TAYLOR, LEONARD H., Professor of Heating and Air Conditioning, Southern Technical Institute, Chamblee, Ga. 1957.

TAYLOR, RALPH, Assistant Instructor in Physics, Newark College of Engineering, Newark, N. J. 1957.

TAYLOR, R. HUGH, Research Assistant in Civil Engineering, California Institute of Technology, Pasadena, Cal. 1958.

TAYLOR, WALTER A., Director, Education and Research, American Institute of Architects, Washington 6, D. C. 1946.

TAYLOR, WARREN C., Professor Emeritus of Civil Engineering, Union College, Schenectady, N. Y. *Life member.* 1913.

TEARE, B. RICHARD, JR., Dean of the College of Engineering and Science, Carnegie Institute of Technology, Pittsburgh 13, Pa. *Second Recipient, George Westinghouse Award (1947). (Vice President, 1953–55.)* 1933.

TEFFEAU, GEORGE K., Technical Editor, Preliminary Design, Supervisor of Junior Engineering Training Program, AiResearch Manufacturing Company of Arizona, Phoenix, Ariz. 1950.

TEICHMANN, F. K., Assistant Dean, Day Division, College of Engineering, New York University, New York, N. Y. 1930.

TELFER, JOHN D., Professor of Engineering, and Head of Department, Abadan Institute of Technology, Abadan, South Iran. 1958.

TEMLITZ, RICHARD L., Lecturer in Engineering Drawing, University of Buffalo, Buffalo, N. Y. 1948.

TERMAN, FREDERICK E., Provost and Professor of Electrical Engineering, Stanford University, Stanford, Calif. *(Vice President, 1949–51.)* 1945.

TERRELL, DANIEL V., Dean Emeritus of Engineering, University of Kentucky, Lexington, Ky. (Home address: 132 Graham Avenue, Lexington, Ky.) 1917.

TERRELL, PALMER, Instructor in Industrial Engineering, University of Arkansas, Fayetteville, Ark. 1958.

TERRY, THEODORE A., Instructor in Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1953.

TERWILLIGER, C. V. O., Professor and Head, Dept. of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1924.

TERWILLIGER, CARROLL F., Engineering Services Division, General Electric Co., Schenectady, N. Y. 1949.

TESS, PAUL J., Assistant Professor of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1946.

TEST, FREDERICK L., Associate Professor of Mechanical Engineering, University of Rhode Island, Kingston, R. I. 1952.

THACKER, HENRY R., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1956.

THALER, GEORGE J., Professor of Electrical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1949.

THAL-LARSEN, HERMAN, Associate Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1958.

THARP, KENNETH J., Instructor in Civil Engineering, Duke University, Durham, N. C. 1956.

THATCHER, CHARLES M., Assistant Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1958.

THATCHER, ROMEYN Y., Professor Emeritus of Management Engineering, Cornell University, Ithaca, N. Y. 1934.

THAYER, JOHN R., Instructor in Mechanical Engineering, University of Colorado, Boulder, Colo. 1958.

THEAKSTON, FRANKLYN H., Professor of Civil Engineering, Ontario Agricultural College, Guelph, Ontario, Canada. 1957.

THEAKSTON, HAROLD R., Head of Department of Engineering, Dalhousie University, Halifax, N. S., Canada. 1946.

THEOPHILUS, RALPH H., Associate Professor of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1956.

THIBODEAUX, MURPHY H., Instructor in Civil Engineering, The Rice Institute, Houston, Tex. 1950.

THIELEN, EVERETT J., Assistant Supervisor of Engineering Training, Western Electric Company, 195 Broadway, New York 7, N. Y. 1956.

THIER, STANLEY R., Instructor in Engineering Drawing, University of Notre Dame, Notre Dame, Ind. 1957.

THIELHELM, HAROLD W., Supervisor, Technical Services in Engineering, Arabian American Oil Company, Dhahran, Saudi, Arabia. 1957.

THIGPEN, ARTHUR C., Professor of Electrical Engineering, Assistant to Dean of Engineering, Louisiana Technical Institute, Ruston, La. 1952.

THIGPEN, JOSEPH J., Professor and Head of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1948.

THODE, EDWARD F., Research Associate, The Institute of Paper Chemistry, Appleton, Wis. 1948.

THOM, GEORGE B., Professor and Head, Mechanical Engineering Dept., Newark College of Engineering, Newark, N. J. (Home: Wallingford, Pa.) 1935.

THOMA, EDWARD C., Associate Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1962.

THOMAS, C. DELMAR, Professor and Head, Department of Physics, University of Tulsa, Tulsa 4, Okla. 1946.

THOMAS, CHARLES F., Professor of Mathematics, Emeritus, Case Institute of Technology, Cleveland, Ohio. *Life member.* 1909.

THOMAS, D. BOYD, Dean, Apprentice School, Newport News Shipbuilding & Dry Dock Co., Newport News, Va. 1938.

THOMAS, DAVID, Manager of College Relations, The Goodyear Tire and Rubber Company, Akron 16, Ohio. 1958.

THOMAS, DONALD H., Instructor in Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1957.

THOMAS, EUGENE M., Dean of Mines and Engineering, Texas Western College, El Paso, Texas. 1944.

THOMAS, FRANK A., JR., Professor and Head of Mechanical Engineering, Lamar State College of Technology, Beaumont, Tex. 1958.

THOMAS, FREDERICK H., Professor and Head, Dept. of Industrial Engineering, University of Buffalo, Buffalo 14, N. Y. 1926.

THOMAS, GEORGE B., Personnel Director, Retired, Bell Telephone Laboratories, New York, N. Y. (Home address: 78 Chestnut St., Millburn, N. J.) *Life Member.* 1911.

THOMAS, GEORGE B., JR., Associate Professor, of Mathematics, Massachusetts Institute of Technology, Cambridge, Mass. 1954.

THOMAS, HENRY E., Professor of Engineering, Lowell Technological Institute, Lowell, Mass. 1952.

THOMAS, JOHN H., 12 Circle Drive, Chickasha, Okla. 1947.

THOMAS, JOHN PETER, Instructor in Mechanical Engineering, University of Washington, Seattle, Wash. 1958.

THOMAS, LUTHER W., Assistant Professor of Engineering Graphics, Purdue University, Lafayette, Ind. 1939.

THOMAS, MELVIN A., Dean of Engineering, New Mexico College of Agricultural and Mechanical Arts, State College, New Mexico. 1934.

THOMAS, MORRIS D., Head of Welding Engineering, General Motors Institute, Flint, Mich. 1952.

THOMAS, NEIL D., Associate Professor of Engineering Drawing, Ohio University, Athens, Ohio. *(Member of Council, 1953–55.)* 1943.

THOMAS, ORVILLE M., Associate Professor of Mathematics, U. S. Naval Academy, Annapolis, Md. 1957.

THOMAS, R. H., Coordinator of Research Administration, Case Institute of Technology, Cleveland, Ohio. 1957.

THOMAS, STANISLAUS S., Assistant Professor of Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1958.

THOMAS, THEODOR W., Associate Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1950.

THOMAS, WALTER E., Supervisor of Engineering Design, Pratt and Whitney Aircraft, Village of North Palm Beach, Fla. 1948.

THOMAS, WELDON L., Instructor in Gas Fuel Technology, Southern Technical Institute, Atlanta 18, Ga. 1957.

THOMAS, WILEY, JR., Assistant to Dean of Engineering, University of Tennessee, Knoxville, Tenn. 1948.

THOMASSEN, HENRY S., Editor, School Department, McGraw-Hill Book Company, 330 West 42nd Street, New York 36, N. Y. 1950.

THOMEN, JACOBO A., Professor, University of Santo Domingo, 17, Ciudad Trujillo, Dominican Rep., W. I. 1945.

THOMFORDE, CLIFFORD J., Professor and Head of Electrical Engineering, University of North Dakota, Grand Forks, N. D. 1947.

THOMPSON, A. RALPH, Head and Professor of Chemical Engineering, University of Rhode Island, Kingston, R. I. 1949.

THOMPSON, ALVIN J., Professor and Head of Mining and Metallurgy, New Mexico Institute of Mining & Technology, Socorro, N. Mex. 1951.

THOMPSON, ARTHUR T., Associate Director and Professor of Engineering Research, Ordnance Research Laboratory, Pennsylvania State University, University Park, Pa. 1953.

THOMPSON, CHARLES E., Assistant Professor of Industrial Engineering, Oklahoma State University, Stillwater, Okla. 1958.

THOMPSON, DAVID G., Instructor in Electrical Engineering, University of Maryland, College Park, Md. 1957.

THOMPSON, DUDLEY, Chairman and Professor of Chemical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1946.

THOMPSON, FRANKLIN H., Engineering Publications, Allison Division of General Motors Corporation, Indianapolis, Ind.; Instructor in Descriptive Geometry, Purdue University, 823 W. 44th St., Indianapolis, Ind. 1946.

THOMPSON, H. LOREN, Consulting Engineer and Partner, Stevens & Thompson, 600 National Bldg., Portland 4, Ore. 1939.

THOMPSON, HENRY C., JR., Associate Professor of Graphics, Purdue University, Lafayette, Ind. 1945.

THOMPSON, HOMER F., Chairman of Engineering, Arkansas Polytechnic College, Russellville, Ark. 1953.

THOMPSON, J. GEORGE H., Professor of Mechanical Engineering, Texas A. & M. College, College Station, Texas. 1938.

THOMPSON, J. NEILS, Professor of Civil Engineering and Director, Balcones Research Center, University of Texas, Austin, Texas. 1942.

THOMPSON, JAMES S., Vice-Chairman of the Board, Retired, McGraw-Hill Book Co., New York, N. Y. (Home: 45 Parkside Dr., Princeton, N. J.) *(Treasurer, 1942–50; Member of Council, 1938–50.) Life Member.* 1911.

THOMPSON, JOHN J., Manager, Personnel and Training Dept., Worthington Corporation, Harrison, N. J. 1954.

THOMPSON, KARL O., Professor Emeritus of English, Case Institute of Technology, Cleveland, Ohio. Home address: 3130 Essex Rd., Cleveland Heights 18, Ohio. *Life Member.* 1919.

THOMPSON, LEE P., Dean of Engineering, Arizona State College, Tempe, Ariz. 1943.

THOMPSON, LORING M., Professor of Industrial Engineering, University of Toledo, Toledo 6, Ohio, 1958.

THOMPSON, MILTON J., Professor and Chairman, Department of Aeronautical Engineering, Associate Director, Defense Research Laboratory, The University of Texas, Austin 12, Texas. 1934.

THOMPSON, ORVILLE F., Vice President, DeVry Technical Institute, 4141 West Belmont, Chicago 41, Ill. 1952.

THOMPSON, PAUL V., Professor of English, University of Colorado, Boulder, Colo. 1943.

THOMPSON, RICHARD P., Instructor in Engineering Graphics, Purdue University, Lafayette, Ind. 1958.

THOMPSON, ROBERT G., Instructor of Applied Mathematics, University of Colorado, Boulder, Colorado. 1958.

THOMPSON, SOPHUS, Professor and Chairman of Civil Engineering, Southern Methodist University, Dallas, Tex. 1936.

THOMPSON, TRUET, B., Associate Professor of Electrical Engineering, Oklahoma State University, Stillwater, Okla. 1950.

THOMPSON, WARREN H., Instructor in Industrial Electricity, Wentworth Institute, Boston, Mass. 1956.

THOMPSON, CHARLES M., Head, Department of Industrial Electronics, Wentworth Institute, Boston, Mass. 1956.

THOMSON, EARL W., Senior Professor of Electrical Engineering, U. S. Naval Academy, Annapolis, Md. 1946.

THOMSON, ROBERT A., Assistant Professor of Mechanics, University of Dayton, Dayton 9, Ohio. 1954.

THOR, ERIC, Manager, Facilities Engineering, Corning Glass Works, Corning, N. Y. 1948.

THOREN, THEODORE R., Staff Director of Engineering Research and Development, Thompson Products, Inc., Cleveland, O. 1956.

THORN, DONALD C., Electrical Engineering, University of New Mexico, Albuquerque, N. Mex. 1955.

THORNBURN, THOMAS H., Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1957.

THORNHILL, ROBERT B., Assistant Professor of Engineering Drawing, Wayne State University, Detroit 2, Mich. 1956.

THOROGOOD, BRACKETT K., Executive Director, Retired, Franklin Technical Institute, Boston 16, Mass. (Home address: 219 Parker Street, Newton Centre 59, Mass.) 1940.

THORSON, DONALD A., Associate Professor of Civil Engineering, South Dakota School of Mines and Technology, Rapid City, S. Dak. 1952.

THORSON, INGOLF E., Associate Professor of Architecture, Kansas State College, Manhattan, Kans. 1953.

THORSON, PHILIP J., Assistant Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1955.

THREADGILL, WALTER D., Professor of Chemical Engineering, Vanderbilt University, Nashville, Tenn. 1956.

THRELKELD, JAMES L., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1954.

THRELKELD, WILLIAM A., Instructor in Mathematics, Tri-State College, Angola, Ind. 1958.

THRESHER, B. ALDEN, Director of Admissions, Massachusetts Institute of Technology, Cambridge, Mass. 1935.

THROOP, JOSEPH F., Associate Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1943.

THUERING, GEORGE L., Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1949.

THUESEN, H. G., Professor of Industrial Engineering and Management, Oklahoma State University, Stillwater, Okla. 1926.

THURSTON, JAMES N., Professor and Head of Electrical Engineering, Clemson Agricultural College, Clemson, S. C. 1953.

THURSTONE, ROBERT L., Instructor in Electrical Engineering, North Carolina State College, Raleigh, N. C. 1956.

TICE, LAWRENCE W., President and Chairman of the Board, International Textbook Company, Scranton, Pa. 1936.

TICHVINSKY, L. M., Mechanical Engineering, University of California, Berkeley, Calif. 1946.

TIEDEMANN, JAMES B., Associate Professor of Aeronautical Engineering, University of Kansas, Lawrence, Kan. 1958.

TIFFORD, ARTHUR N., Associate Professor of Aeronautical Engineering, Ohio State University, Columbus, Ohio. 1949.

TILGHMAN, HARRISON, Counsellor-at-Law, Colonel, U. S. Army Res., Retired, P. O. Box 707, Easton, Md. *Life member.* 1919.

TILLER, FRANK M., Dean of Engineering, University of Houston, Houston 4, Texas. 1953.

TILLES, ABE, Electrical Engineer, R. E. Thomas and Associates, San Francisco, Calif. 1937.

TILLEY, ROBERT J., Associate Editor, John Wiley & Sons, Incorporated, 440 Fourth Avenue, New York 16, N. Y. 1955.

TILLMAN, JAMES D., JR., Associate Professor of Electrical Engineering, University of Tennessee, Knoxville, Tenn. 1955.

TIMBIE, WILLIAM H., Professor Emeritus of Electrical Engineering and Industrial Practice, Massachusetts Institute of Technology, Cambridge, Mass. ***(Member of Council, 1929–32.)*** **(Home: Monument Ave., Bennington, Vt.) 1908.**

TIMBY, ELMER K., Partner, Howard, Needles, Tammen and Bergendorff, 99 Church Street, New York 7, N. Y. 1929.

TIMMER, DONALD H., Bridge Engineer, Structural Department, Shaffer, Parrett and Associates, 137 Lexington Avenue, Mansfield, Ohio. 1956.

TIMOSHENKO, GREGORY S., Professor and Head, Dept. of Electrical Engineering, University of Connecticut, Storrs, Conn. 1939.

TIMOSHENKO, STEPHEN P., Professor of Mechanics, Emeritus, Stanford University, Stanford, Calif. ***Twelfth Recipient, Lamme Medal (1939).*** **1927.**

TIMS, GEORGE B., JR., Professor and Head of Industrial Engineering, Lamar State College of Technology, Beaumont, Texas. 1948.

TINDAL, ROBERT T., Associate Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1950.

TINETTI, GEORGE K., Instructor in Industrial Hydraulics, General Motors Institute, Flint, Mich. 1955.

TINGLEY, FREEMAN T., Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1927.

TINKER, ROBERT N., Assistant Professor of Engineering Drawing, Rose Polytechnic Institute, Terre Haute, Ind. 1955.

TINKHAM, HOWARD C., Professor and Head of Mechanical Engineering, New Bedford Institute of Technology, New Bedford, Mass. 1955.

TINNEY, E. ROY, Head, R. L. Albrook Hydraulic Laboratory, State College of Washington, Pullman, Wash. 1956.

TINNING, GEORGE M., Instructor in Engineering, Detroit Institute of Technology, Detroit, Mich. 1947.

TINNISWOOD, W. W., Chairman of Engineering Department, University of Hawaii, Honolulu, T. H. 1958.

TIPPITT, FRANK W., Assistant Professor of Industrial Engineering, Southern Methodist University, Dallas 5, Tex. 1958.

TIPPY, KENNETH C., Head, Dept. of Civil Engineering, University of Connecticut, Storrs, Conn. 1943.

TIREY, PAUL L., Assistant Dean, Tool and Gauge Design, Lain Technical Institute, Indianapolis, Ind. 1956.

TITUS, HAROLD A., JR., Instructor in Civil Engineering, Montana State College, Bozeman, Mont. 1958.

TOBEN, BERNARD E., Assistant to the Manager of Engineering, Electric Typewriter Division, International Bnsiness Machines Corporation, Northern Belt Line Highway, Lexington, Ky. 1958.

TOBEY, AUBREY C., **Research Engineer in Chemical Engineering, Massachusetts Institute of Technology, Cambridge, Mass.** 1949.

TOBIAS, CARL A., Chairman, Science Department, General Motor Institute, 1518 West Paterson Street, Flint 4, Mich. 1952.

TODD, DAVID K., Associate Professor of Civil Engineering, University of California, Berkeley, Calif. 1953.

TODD, FRANK H., Assistant Professor of Physics, University of Maine, Orono, Me. 1956.

TOLMAN, CARL, **Vice-Chancellor, Dean of Faculties and Professor of Geology and Geological Engineering, Washington University, St. Louis, Mo.** 1949.

TOMLISON, MAURICE J., Head of Department of Construction, Provincial Institute of Technology and Art, Calgary, Alberta, Canada. 1956.

TOMPKINS, FREDERICK N., Professor of Electrical Engineering, Brown University, Providence 12, R. I. 1922.

TOMPKINS, HOWARD E., Assistant Professor of Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1950.

TONER, RICHARD K., Associate Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1948.

TONG, KIN NEE, Associate Professor of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1952.

TOOLE, CHARLES E., Assistant Professor of Physics, Pratt Institute, Brooklyn, N. Y. 1948.

TOOLES, CALVIN W., 1112 Kentwood Drive, Blacksburg, Va. 1953.

TOONG, TAU-YI, Associate Professor of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

TOOR, H. L., Associate Professor of Chemical Engineering, Carnegie Technological Institute, Schenley Park, Pittsburgh 13, Pa. 1953.

TOPPETO, ALPHONSE A., Assistant Professor of Electrical Engineering, University of Detroit, Detroit 21, Mich. 1951.

TOPRAC, A. ANTHONY, Associate Professor of Civil Engineering, University of Texas, Austin, Texas. 1953.

TORAN, NESTOR E., Mechanical Engineer, Baird Atomic Company, Cambridge, Mass. 1950.

TORGERSEN, HAROLD, Dean of Engineering and Professor of Electrical Engineering, University of Connecticut, Storrs, Conn. 1935.

TORGERSEN, PAUL E., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio. 1957.

TORNQUIST, THOMAS E., Sales Engineer, Servo Corporation of America, New Hyde Park, N. Y. 1955.

TORZYN, NORBERT T., Instructor in Electronics, Indiana Technical College, Fort Wayne, Ind. 1957.

TOU, JULIUS T. L., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1956.

TOULOUKIAN, YERAM S., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

TOVANI, ERNEST P., Assistant Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1946.

TOWER, MERRILL E., Home address: 370 Avocado Crest Road, La Habra, Calif. 1956.

TOWFIK, NISSIM M., Instructor in Physics, Newark College of Engineering, Newark, N. J. 1958.

TOWLE, NORMAN L., Dean, School of Engineering, Cooper Union, New York 3, N. Y. 1925.

TOWN, GEORGE R., Dean of Engineering, Iowa State College, Ames, Iowa. 1944.

Townsend, Arthur L., Director, Lowell Institute School, Massachusetts Institute of Technology, Cambridge 39, Mass. 1933.

Townsend, Richard E., Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Tozer, Eliot F., Professor and Head, Dept. of Drawing, Northeastern University, Boston, Mass. 1927.

Trabant, Edward A., Professor and Head of Engineering Sciences, Purdue University, Lafayette, Ind. 1954.

Tracey, Edward J., Jr., Assistant Professor of Engineering Ordnance Research, Pennsylvania State University, University Park, Pa. 1954.

Tracy, Gordon F., Professor and Chairman, Dept. of Electrical Engineering, University of Toronto, Toronto 5, Canada. 1928.

Tracy, Maurice B., Manager of Southern Region, Engineering Recruiting, General Electric Company, 1 River Road, Schenectady 5, N. Y. 1945.

Tracy, Stephen J., Associate Professor of Mechanical Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1930.

Trammell, Grover J., Associate Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1953.

Trammell, Guy R., Head of Electrical Department, Tuskegee Institute, Tuskegee, Ala. 1957.

Trathen, Roland H., Associate Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

Trautman, Deforest L., Jr., Member of Technical Staff, Communications Department, Hughes Aircraft Company, Culver City, Calif., Associate Professor of Engineering, University of California, Los Angeles, Calif. 1950.

Travis, Irven, Vice President of Research and Engineering, Burroughs Corporation, Paoli, Pa. 1936.

Treat, Burnett F., Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas. 1947.

Tredennick, Donald C., Instructor in Engineering Extension, Pennsylvania State University, University Park, Pa. 1957.

Trefny, Richard B., Director of Aeronautical Engineering, Parks College of St. Louis University, East St. Louis, Ill. 1957.

Trefry, Donald E., Commercial Sales Engineer, The Detroit Edison Company, 2000 Second Avenue, Detroit 26, Mich. 1950.

Trent, Clarence E., Professor of Mechanical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1938.

Trent, Harold F., Assistant Professor of Graphics, Virginia Polytechnic Institute, Blacksburg, Va. 1949.

Treptow, Paul W., Jr., Instructor in Engineering, Texas College of Arts & Industries, Kingsville, Tex. 1954.

Treseder, Francis M., Assistant Professor, Lewis College of Science and Technology, Lockport, Ill. 1956.

Trevett, Harold N., Associate Head and Professor of Electrical Engineering, Rensselear Polytechnic Institute, Troy, N. Y. 1949.

Treviño, Roberto, Rector, University of Nuevo Leon, Monterrey, N. L. Mexico. 1957.

Treybal, Robert E., Professor of Chemical Engineering, New York University, New York, N. Y. (*Twelfth Recipient, George Westinghouse Award, 1957.*) 1947.

Trezise, Frederick W., Associate Dean, College of Engineering Sciences, Chicago Undergraduate Division, University of Illinois, Chicago 11, Ill. 1947.

Tribus, Myron, Associate Professor of Engineering, University of California, Los Angeles, Calif. 1947.

Tridico, John J., Chief Theory Instructor, Capitol Radio Engineering Institute, Washington, D. C. 1957.

Trigger, Kenneth J., Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1936.

Trimble, Louis P., Instructor in Humanistic-Social, University of Washington, Seattle, Wash. 1957.

Tripp, Arley L., Instructor in Engineering, City College of San Francisco, San Francisco, Cal. 1958.

Tripp, Wilson, Professor of Mechanical Engineering, Kansas State College, Manhattan, Kans. 1937.

Trively, Ilo A., Professor of Civil Engineering, Clemson Agricultural College, Clemson, S. C. 1942.

Troell, Raymond, Chairman of Electronics, Academy of Aeronautics, LaGuardia Field, N. Y. 1954.

Trolsen, Thor N., Technician Recruiter, Engineering Personnel Services, General Electric Company, Schenectady, N. Y. 1956.

Trotter, Richard A., Associate Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1929.

Troupe, Ralph A., Research Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1957.

Trowbridge, Douglas S., Professor Emeritus of Civil Engineering, New York University, New York, N. Y. *Life Member.* 1924.

Troxell, George E., Professor of Civil Engineering, University of California, Berkeley, Calif. 1940.

Troxler, Joseph R., Associate Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1957.

Truax, Chester N., Mining Engineer and Head of Engineering, International Salt Company, Retsof, N. Y. 1954.

Truesdale, Frank E., Instructor in Graphic Science, Northeastern University, Boston 15, Mass. 1958.

Truhn, Kenneth W., Project Engineer, Sr. in Engineering, Scintilla Division, Bendix Aviation Corporation, Unadilla, N. Y. 1957.

Truitt, Marcus M., Associate Professor of Engineering, Texas College of Arts and Industries, Kingsville, Texas. 1954.

Trumbull, Robert G., Engineering Drawing Department, University of Tennessee, Knoxville, Tenn. 1949.

Trummel, J. Merle, Instructor in Mechanical Engineering, State University of Iowa, Iowa City, Ia. 1943.

Trumpler, Paul R., Director, School of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1950.

Truxal, John G., Head of Electrical Engineering, Polytechnic Institute of Brooklyn, 99 Livingston Street, Brooklyn 1, N. Y. 1957.

Trytten, Merriam H., Director, Office of Scientific Personnel, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington 25, D. C. 1957.

Tschebotarioff, Gregory P., Professor of Civil Engineering, Princeton University, Princeton, N. J. 1937.

Tsang, Ngeu F., Professor of Electrical Engineering, University of Mississippi, University, Miss. 1951.

Tsao, Ching H., Guided Missile Division, Hughes Aircraft Company, Culver City, Calif. 1955.

Tse, Francis S., Associate Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1948.

Tu, Ping-Shuo, Instructor in Mechanical Engineering, Villanova University, Villanova, Pa. 1956.

Tuck, Harry P., Associate Professor and Head of Electrical Engineering, University of Tasmania, Hobart, Tasmania, Australia. 1946.

Tucker, Albert William, A.B. Dod, Professor of Mathematics, Princeton University, Fine Hall, Box 708, Princeton, N. J. 1956.

TUCKER, ALBERT W., A. B. Dodd Professor of Mathematics, Princeton University, Princeton, N. J. 1956.

TUCKER, CARLTON E., Professor and Executive Officer, Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. (*Member of Council, 1942–46.*) 1922.

TUCKER, J. MACK, Professor of Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1943.

TUCKER, JOHN A., Assistant to the Head of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

TUCKER, LEROY, Associate Professor of Engineering Mechanics, The Ohio State University, Columbus 10, Ohio. 1927.

TUCKER, WALTER H., Engineer, A. C. Samford, Inc., Albany, Georgia. 1955.

TUCKER, W. HENRY, c/o Army Section, APO 63, Unit 4, Artillery School, San Francisco, Cal. 1954.

TUCKER, WILLIAM T., III, Assistant Professor of Mechanical Engineering, Tulane University, New Orleans, La. 1957.

TUDBURY, CHESTER W., Supervisor of Instruction and Head, Retired, Department of Mathematics, Wentworth Institute, Boston, Mass. *Life Member.* 1921.

TUDOR, JAMES R., Assistant Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1953.

TUITES, CLARENCE E., Counselor in Electrical Department, Rochester Institute of Technology, Rochester, N. Y. 1956.

TULIN, LEONARD G., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1952.

TULLIS, EDWARD L., Chairman, Dept. of Geology, South Dakota School of Mines and Technology, Rapid City, S. D. 1947.

TULLY, THOMAS J., Associate Professor and Executive Associate in Chemistry, Newark College of Engineering, Newark, N. J. 1943.

TULOCK, JOHN L., Assistant Professor of Engineering Drawing, Virginia Polytechnic Institute, Blacksburg, Va. 1950.

TUMA, GERALD, Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1947.

TUMBLESON, IRA A., Librarian, Newark College of Engineering, 367 High Street, Newark 2, N. J. 1943.

TURIN, JOHN J., Director of Nuclear Engineering and Chairman of Engineering Physics, University of Toledo, Toledo 6, Ohio. 1949.

TURKES, WALTER R., Professor and Head of Industrial Engineering and Associate Dean, Schools of Engineering and Mines, University of Pittsburgh, Pittsburgh, Pa. 1953.

TURKINGTON, D. BARTON, Associate Professor of Mechanical Engineering, University of Oklahoma, Norman, Okla. 1947.

TURNBULL, WILLIAM D., 1952 Chatfield Road, Columbus 21, Ohio. *Life Member.* 1917.

TURNER, HUBERT M., Associate Professor Emeritus of Electrical Engineering, Yale University, New Haven, Conn. *Life Member.* 1929.

TURNER, RICHARD L., JR., Instructor in Electrical Engineering, University of Washington, Seattle, Wash. 1956.

TURNER, WALTER W., Associate Professor of Electrical Engineering, University of Maine, Orono, Me. 1950.

TURNER, WILLIAM W., Professor and Head Emeritus of Engineering Drawing, University of Notre Dame, Notre Dame, Ind. (Home address: 1145 Portage Avenue, South Bend 16, Ind.) 1939.

TURPIN, ROBERT D., Associate Professor of Civil Engineering, University of Texas, Austin, Tex. 1957.

TURRITTIN, HUGH L., Professor of Mathematics Institute of Technology, University of Minnesota, Minneapolis, Minn. 1945.

TUTHILL, ARTHUR F., Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1939.

TUTHILL, SIDNEY P., JR., Instructor in Engineering Drawing, Syracuse University, Syracuse, N. Y. 1956.

TUTT, CHARLES L., JR., Administrative Chairman, Fifth-Year & Thesis Program, General Motors Institute, Flint 2, Mich. 1941.

TUTTLE, DAVID F., JR., Professor of Electrical Engineering, Stanford University, Stanford, Calif. 1958.

TUTTLE, ROBERT E., Acting Chairman of English and Cultural Studies, General Motors Institute, Flint, Mich. 1948.

TUVE, GEORGE L., Professor of Mechanical Engineering and Director of Bingham Laboratory, Case Institute of Technology, Cleveland, Ohio. 1925.

TWIGG, JOHN F., Graphics, University of Florida, Gainesville, Florida. 1953.

TWINING, ROBERT B., Assistant Professor of Mechanical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1947.

TWISS, FRANCIS E., Engineering Advisor, Associated General Contractors of America, Inc., Washington, D. C. 1957.

TYKOCINER, J. T., Research Professor Emeritus, 306 West Iowa Street, Urbana, Ill. (*Life Member.*) 1929.

TYLER, EDWARD J., JR., Vice President, Harper & Brothers, New York, N. Y. 1940.

TYRRELL, CECIL C., President, Broome Technical Community College, Binghamton, N. Y. 1934.

TYSON, H. BLAIR, Engineer, Radio Corporation of America, Camden, N. J. 1956.

UBAN, EARL C., Assistant Professor of Civil Engineering, Valparaiso University, Valparaiso, Ind. 1955.

UBAN, MOSES W., Professor of Engineering, Valparaiso University, Valparaiso, Ind. 1955.

UHL, VINCENT W., Associate Professor of Chemical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1955.

UHLRICH, PAUL E., Associate Professor of Electrical Engineering, Montana State College, Bozeman, Mont. 1955.

UHRIG, ROBERT E., Associate Professor of Nuclear Engineering, Iowa State College, Ames, Ia. 1958.

UICKER, GEORGE B., Professor and Acting Chairman of Mechanical Engineering, University of Detroit, Detroit, Mich. 1946.

UICKER, JOHN J., Acting Dean of Engineering, University of Detroit, 4001 W. McNichols Road, Detroit 21, Mich. 1933.

UIHLIEN, GEORGE V., JR., National Executive Secretary, Theta Kappa Phi Fraternity, Worcester, Mass. 1956.

ULDRICK, JOHN P., Assistant Professor of Engineering, Mechanics, Clemson College, Clemson, S. C. 1957.

ULMER, J. W., Instructor of Mechanical Engineering, South Dakota State College, Brookings, S. D. 1955.

ULMER, WILLIAM G., JR., Placement Manager, Salaried Personnel, Philco Corporation, Philadelphia, Pa. 1954.

ULRICH, BENJAMIN H., JR., Associate Professor of Aeronautical Engineering, West Virginia University, Morgantown, W. Va. 1956.

ULRICH, DONALD R., Instructor in Engineering, Altoona Center, Pennsylvania State University, Altoona, Pa. 1956.

ULRICH, EDGAR, Mechanical Engineering, Pennsylvania State University, State College, Pa. 1956.

UMHOLTZ, ROBERT C., Assistant Professor of Mechanical Engineering and Engineering Drawing, University of Kansas, Lawrence, Kansas. 1956.

UNDERWOOD, PAUL H., Professor Emeritus of Surveying, Cornell University, Ithaca, N. Y. *Life Member.* 1922.

UNDERWOOD, ROBERT H., Engineer, PWT Department, Aro, Incorporated, Tullahoma, Tenn. 1946.

UNDERWOOD, WARREN N., Associate Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1952.

UNGAR, ERIC E., Senior Engineering Scientist, Bolt Beranek and Newman, Inc., 50 Moulton Street, Cambridge 38, Mass. 1955.

UNGRODT, RICHARD J., Director of Technical Institute and Assistant Dean of Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

UNIECHOWSKI, S. R., **Associate Professor of Engineering Mechanics, University of Detroit, Detroit 21, Mich. 1948.**

UNK, JACOB M., **Professor of Electrical Engineering, Institute of Technology, Delft,** Holland, 1948.

UNNEWEHR, LEWIS E., Professor of Electrical Engineering, Villanova University, Villanova, Pa. 1954.

UNTRAUER, RAYMOND E., Research Associate in Civil Engineering, University of Illinois, Urbana, Ill. 1953.

UPCHURCH, LATTIE M., JR., Director of Residence School, Capitol Radio Engineering Institute, Washington, D. C. 1956.

UPDIKE, OTIS L., Associate Professor of Chemical Engineering, University of Virginia, Charlottesville, Va. 1946.

UPSON, JOHN F., Publishers Representative, College Department, D. Van Nostrand Company, Princeton, N. J. 1958.

UPTHEGROVE, WILLIAM R., Assistant Professor and Chairman of Metallurgical Engineering, University of Oklahoma, Norman, Okla.) 1957.

URBACH, WALTER F., **Assistant Professor of English & History, Massachusetts Institute of Technology, Cambridge, Mass. 1949.**

USRY, JOHN M., Assistant Professor of Electrical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1957.

USTRUD, HERBERT O., **Assistant Professor of Civil Engineering, Iowa State College,** Ames, Ia. 1945.

UYEHARA, OTTO A., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1951.

VACCARO, MICHAEL J., Personnel Officer, National Advis. Committee on Aero., Lewis Laboratory, Cleveland, Ohio. 1947.

VAIL, CHARLES R., Professor and Chairman of Electrical Engineering, Duke University, Durham, N. C. 1940.

VAIL, ROBERT ST. PATRICK, **Vice President,** Cabot Carbon Co., Inc., Pampa, Texas. 1938.

VALENTINE, RUSSELL L., Associate Professor of Mechanical Engineering, **University of** New Hampshire, Durham, N. H. **1954.**

VALEY, VALENTIN A., Associate Professor of Mechanics, **USAF Institute of Technology,** Wright-Patterson Air Base, Ohio. 1948.

VALLENDER, STANLEY C., Personnel Manager, Minneapolis-Honeywell Regulator Company, Monrovia, Calif. 1957.

VALLESE, LUCIO MARIO, **Associate Professor** of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, New York. 1953.

VALPEY, ROBERT G., Instructor of Mechanics, United States Air Force Academy, Denver, Colo. 1956.

VAN ANTWERPEN, FRANKLIN J., Sec. Am. Inst. of Chem. Engrs., New York 36, N. Y. 1952.

VAN BENSCHOTEN, RICHARD P., Instructor in Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1958.

VANCE, MRS. JAMES J., (Harriet), Assistant Professor of Mathematics, Michigan College of Mining and Technology, Sault St. Marie, Mich. 1948.

VAN DEN BROEK, JAN A., Professor Emeritus of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. (Home add.: 785 Arlington Blvd., Ann Arbor, Mich.) *Life Member.* 1924.

VAN DEN BOOM, HANS W., Assistant Professor of Electrical Engineering, Saint Louis University Institute of Technology, St. Louis, Mo. 1958.

VANDERGRIFT, LOUIS E., Professor of Civil Engineering, Ohio State University, Columbus, Ohio. 1954.

VANDERSLICE, RALPH L., **Associate Professor of Mechanical Engineering, Michigan State University,** East Lansing, Mich. 1948.

VANDERWILT, JOHN W., President, Colorado School of Mines, Golden, Colo. 1953.

VAN DEUSEN, GEORGE L., President Emeritus and Consultant, RCA Institute, Inc., 350 West 4th Street, New York 14, N. Y. 1948.

VANDREY, COLVIN, Assistant Professor of Civil Engineering, South Dakota State College, Brookings, S. Dak. 1955.

VANDUSEN, EDWARD B., Dean of Instruction, Wentworth Institute, Boston, Mass. 1949.

VAN DYKE, JAMES R., Professor and Chairman, Dept. of Mechanical Engineering, University of Nevada, Reno, Nev. 1941.

VAN DYKE, MERRILL W., Technical Instructor, Central Technical Institute, Kansas City, Mo. 1954.

VAN, EE. POEL. P., Professor, Dean, Faculty of Applied Sciences, University of Brussels, Brussels, Belgium. 1947.

VAN FLEET, RICHARD, Personnel Manager, Research Center, General Foods Corporation, 555 South Broadway, Tarrytown, N. Y. 1954.

VAN HAGAN, LESLIE F., Professor and Chairman, Emeritus, Dept. of Civil Engineering, University of Wisconsin, Madison, Wis. (Home: 2105 Madison St., Madison 5, Wis.) *Life Member.* 1912.

VAN HAM, LOUIS A., Head of Drafting Department, Boston Technical High School, Boston, Mass. 1955.

VAN HORN, JOHN R., Manager, Education and Training Department, Bettis Atomic Power Division, Westinghouse Electric Corporation, P.O. Box 1468, Pittsburgh 30, Pa. 1955.

VAN HORN, ROBERT B., Professor of Hydraulic Engineering and Head, Dept. of Civil Engineering, University of Washington, Seattle, Wash. 1945.

VAN HOUTEN, ROBERT W., President, Newark College of Engineering, Newark, N. J. (*Member of Council, 1953–57; Vice President 1957–59*) 1933.

VANNAH, SHERMAN, Associate Professor of Mechanical Engineering, Tufts University, Medford, Mass. 1955.

VAN NOTE, WILLIAM G., President, Clarkson College of Technology, Potsdam, N. Y. 1927.

VAN PELT, J. ROBERT, President, Michigan College of Mining and Technology, Houghton, Mich. 1936.

VAN RENNES, ALBERT B., Supervisory Engineer in Nuclear Technology, Bendix Aviation Corporation Research Laboratories, Detroit 35, Mich. 1957.

VAN STRIEN, DAVID O., Professor and Chairman of Civil Engineering, University of Denver, Denver 10, Colo. 1952.

VAN VALKENBERG, M. E., Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1944.

VAN VLACK, LAWRENCE H., Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1953.

VAN VLECK, JOHN H., Professor of Physics, Harvard University, Lyman Laboratory of Physics, Cambridge 38, Mass. 1952.

VAN VLEET, JAMES G., Director of Engineering and Executive Officer for Graduate School, University of Wisconsin-Milwaukee, Milwaukee, Wis. 1947.

VAN VOORHIS, W. R., Professor and Head of Mathematics, Fenn College, Cleveland, Ohio. 1949.

VAN VORST, WILLIAM D., Associate Professor of Engineering, University of California, Los Angeles 24, Calif. 1947.

VAN WINGEN, N., Professor of Petroleum Engineering, University of Southern California, Los Angeles, Calif. 1958.

VAN WINKLE, EDWARD H., Professor of Management Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

VAN WINKLE, MATTHEW, Professor and Chairman of Chemical Engineering, University of Texas, Austin 12, Texas. 1947.

VAN WYCK, PHILIP S., Senior Advisor, Government Technical Institute, Rangoon, (Insein), Burma. 1948.

VAN WYE, RALPH A., Professor of Coordination, University of Cincinnati, Cincinnati, Ohio. 1947.

VAN WYLEN, GORDON J., Professor and Chairman of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1953.

VANZANT, HOWARD C., Assistant Professor of Engineering, Texas Western College, El Paso, Tex. 1956.

VAN ZEELAND, FRED J., Director, College of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1949.

VAN ZEELAND, WILLIAM A., Research Engineer, Chicago Midway Laboratories, University of Chicago, Chicago, Ill. 1953.

VAN ZILE, LAURENCE W., Assistant Engineer, Public Service E. & G. Co., Newark, N. J. 1945.

VARGO, JOSEPH E., Educational Director and General Sales Manager, Universal Scientific Company, Inc., Vincennes, Ind. 1954.

VARNER, WALTER W., Head, Flight Simulation Laboratory and Computers, Convair Astronautics Company, San Diego, Calif. 1949.

VARNEY, WILBUR R., Metallurgical Engineer, 438 South Meridith Avenue, Pasadena, Calif. 1950.

VASARHELYI, DESI D., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1953.

VATER, GERHARD A., Assistant Professor of Electrical Engineering, Valparaiso University, Valparaiso, Ind. 1957.

VAUGHAN, FRANCIS E., Senior Partner, V. & E. Manufacturing Company, Pasadena, Calif. 1951.

VAUGHAN, LILLIAN L., Professor Emeritus of Mechanical Engineering, North Carolina State College, Raleigh, N. C. *Life Member.* 1912.

VAUGHAN, RICHARD C., Assistant Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1958.

VAUGHT, NEELEY R., Professor of Engineering Drawing, Odessa College, Odessa, Tex. 1958.

VAWTER, JAMISON, Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1926.

VEAL, C. B., Owner and Consultant, C. B. Veal Company, Tarpon Springs, Fla. 1910.

VEAL, DONALD L., Instructor in Civil Engineering, South Dakota State College, Brookings, S. D. 1958.

VEERKAMP, NORBERT B., Professor and Chairman of Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1953.

VEIT, ROBERT C., Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1939.

VELAZQUEZ, ANGEL M., Instructor in Mechanical Engineering, University of Puerto Rico, Mayaguez, Puerto Rico. 1958.

VELEZ, ENRIQUE, Instructor in Electrical Engineering, Tri-State College, Angola, Ind. 1958.

VELTROP, JAN A., Senior Design Engineer, Harza Engineering Company, Chicago, Ill. 1954.

VENN, ROLLO E., Associate Professor and Head of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1940.

VENNARD, JOHN K., Professor of Fluid Mechanics, Stanford University, Stanford, Calif. 1935.

VENUTI, WILLIAM J., Associate Professor of Civil Engineering, San Jose State College, San Jose, Calif. 1954.

VERMEULEN, THEODORE, Professor of Chemical Engineering, University of California, Berkeley 4, Calif. 1948.

VERNON, JAMES B., Associate Professor of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1949.

VERPLANCK, DENNISTOUN W., Professor and Head of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1937

VERRECCHIA, THOMAS A., Engineering Instructor, Roger Williams Junior College, Providence, R. I. 1956.

VESPER, DONALD R. 1956.

VEY, EBEN, Professor of Civil Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

VICK, ALFRED T., Engineer, George B. Allan and Company, Dallas, Tex. 1945.

VICKERS, JOHN M., Associate Professor of Mechanical Engineering, University of Nebraska, 200 Richards Hall, Lincoln 8, Neb. 1955.

VICKREES, FRANK, Instructor in Civil Engineering, Lehigh University, Bethlehem, Pa. 1958.

VIDOSIC, JOSEPH P., Professor of Mechanical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1938.

VIERCK, CHARLES J., Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1942.

VIERCK, ROBERT K., Professor of Engineering Mechanics, Pennsylvania State University, University Park, Pa. 1937.

VIERTEL, WILLIAM K., Associate Professor of Mathematics and Physics, State University Agricultural and Technical Institute, Canton, N. Y. 1952.

VIGGERS, ROBERT F., Associate Professor of Mechanical Engineering, Seattle University, Seattle, Wash. 1950.

VIILO, WESLEY M., Engineering Drawing, General Motors Institute, Flint, Mich. 1956.

VILANDER, NOBEL E., Director of Technical Instruction, Central Technical Institute, Kansas City, Mo. 1950.

VILBRANDT, FRANK C., Professor of Chemical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1944–46.*) 1931.

VILLAFANE, OSVALDO, Associate Professor of Mechanical Engineering, University of Puerto Rico, Mayaguez, P. R. 1947.

VILLEMONTE, JAMES R., Professor of Civil Engineering, University of Wisconsin, Madison, Wis. 1941.

VILLERS, RAYMOND, Partner, Rautenstrauch and Villers, 125 Broad Street, Lecturer in Industrial Engineering, Columbia University, New York, N. Y. 1952.

VINCENT, EDWARD T., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1940.

VINES, QUENTIN C., Associate Professor of Industrial Engineering, University of Michigan, Ann Arbor, Michigan. 1953.

VIRENE, EDGAR P., Associate Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1949.

VIRTUE, BYRON T., Vice President of Engineering, The Torrington Co., Torrington, Conn. 1949.

VITAGLIANO, VINCENT J., Assistant Professor of Civil Engineering, Manhattan College, Riverdale 71, N. Y. 1954.

VITANZA, FRANK V., Instructor in Architectural and Mathematics, American Technical Institute, Akron, Ohio. 1958.

VITOVEC, FRANZ H., Associate Professor of Mining and Metallurgy, University of Wisconsin, Madison 6, Wis. 1958.

VITROGAN, DAVID, Chairman of Electrical Technology, Associate Professor of Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1946.

VITTUCCI, ROCCO V., Standardization Planning Engineer, Department of Navy, Bureau of Ships, Washington, D. C. 1955.

VIVELL, ALLEN E., Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1937.

VIVIAN, J. EDWARD, Professor of Chemical Engineering and Director of Chemical Engineering Practice, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

VIVIAN, ROBERT E., Head of Engineering, Long Beach State College, Long Beach, Calif. (*Member of Council, 1953–55.*) 1937.

VLIET, DANIEL H., Associate Professor of Electrical Engineering, Tulane University, New Orleans, La. 1950.

VOCKE, MERLYN C., Assistant Professor of Electrical Engineering, Valparaiso University, Valparaiso, Ind. 1957.

VOELKER, ROBERT A., Chairman, Engineering and Physical Sciences, Professor of Civil Engineering, Antioch College, Yellow Springs, Ohio. 1950.

VOGEL, FRED J., Consulting Engineer, Allis-Chalmers Manufacturing Company, Box 512, Milwaukee 1, Wis. 1947.

VOGEL, MILTON L., 17709 New Hampshire, Detroit 35, Mich. 1954.

VOGT, CARL J., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1953.

VOGT, CHARLES C., Deputy Chief, Mine Engineering Division, U. S. Naval Ordnance Laboratory, White Oak, Silver Spring, Md. 1948.

VOGT, CHRIS A., Consulting Engineer, Lecturer in Mechanical Engineering, University of Houston, Houston, Tex. 1949.

VOITH, ROLAND J., Assistant Instructor of Electrical Engineering, Marquett University, Milwaukee, Wis. 1957.

VOLZ, CARL, Associate Professor of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1958.

VONDERLAGE, FRED C., Director of Oak Ridge School of Reactor Technology, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1955.

VON ESCHEN, GARVIN L., Professor and Chairman, Dept. of Aeronautical Engineering, The Ohio State University, Columbus 10, Ohio. 1949.

VON FANGE, EUGENE K., Engineer, Value Control Research, Material Service, General Electric Company, Schenectady, N. Y. 1958.

VON FISCHER, WILLIAM, Coordinator of Research and Development, The Glidden Company, 900 Union Commerce Building, Cleveland 14, Ohio. 1949.

VON KAENEL, JOHN C., Assistant Professor of Machine Design, Clemson Agricultural College, Clemson, S. C. 1955.

VON ROSENBERG, DALE U., Assistant Professor of Chemical Engineering, Louisiana State University, Baton Rouge, La. 1958.

VON TURNOVICH, BRANIMIR F., Lecturer in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

VOORHIES, M. B., Professor of Electrical Engineering, Assistant to the Dean, Louisiana State University, University, La. 1935.

VOPAT, WM. A., Professor and Head, Dept. of Mechanical Engineering, Cooper Union, New York, N. Y. 1932.

VOSE, F. H., Professor Emeritus of Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio. *Life Member.* 1907.

VOSS, WALTER C., Professor Emeritus of Building Engineering and Construction and Special Lecturer, Massachusetts Institute of Technology, Cambridge, Mass. (*Life Member.*) 1932.

VOTTA, FERDINAND, Assistant Professor of Chemical Engineering, University of Rhode Island, Kingston, R. I. 1948.

VRANA, JOHN J., Associate Professor of Mechanical Engineering, Villanova University, Villanova, Pa. 1947.

VREELAND, HOWARD W., Associate Professor of Graphics, Columbia University, New York 27, N. Y. 1947.

VREELAND, ROBERT P., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1948.

WACHTER, WILLIAM M., Dean, College of App. Science, University of Hawaii, Honolulu, Hawaii. 1953.

WADDELL, CLAUDE E., Assistant Professor of Aeronautical Engineering, University of Colorado, Boulder, Colo. 1956.

WADLIN, GEORGE K., JR., Associate Professor and Head of Civil Engineering, University of Maine, Orono, Me. 1953.

WADSWORTH, WILLIAM B., Associate Professor of Electrical Engineering, Worcester, Mass. 1952.

WAFFLE, WILBUR M., Senior Instructor in Electrical Engineering, State Technical Institute, Hartford, Conn. 1958.

WAGNER, CHARLES A., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1948.

WAGNER, EDWARD J., Associate Professor of Electrical Engineering, University of Texas, Austin, Tex. 1947.

WAGNER, ELDON C., Professor of Civil Engineering, University of Wisconsin, Madison 6, Wis. 1947.

WAGNER, HERMAN A., Past President, American Association of Engineering, 8 South Michigan Avenue, Chicago 3, Ill. (*Life Member.*) 1926.

WAGNER, WARREN O., Partner, Warren O. Wagner & Associates, Consulting Engineers, 740 E. Walnut Street, Pasadena, Calif. 1939.

WAGNER, WILLIAM C., Chairman of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1948.

WAH, THEIN, Senior Research Engineer, Engineering Mechanics, South West Research Institute, 8500 Culebra, San Antonio 6, Tex. 1954.

WAIBLER, PAUL J., Associate Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1955.

WAIDLEICH, DONALD L., Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1939.

WAINES, RUSSELL T., Assistant Professor of Mechanical Engineering, University of Toronto, Toronto, Ontario, Can. 1955.

WAITE, J. MARSHALL, Assistant Professor of Engineering, San Jose State College, San Jose 14, Calif. 1957.

WAITE, WILLIAM W., Professor of Industrial Engineering, Columbia University, New York 27, N. Y. 1948.

WAITKUS, JOSEPH, Manager, Special Applications, Air Preheater Corporation, 121 S. Main Street, Wellsville, N. Y. 1953.

WALES, CHARLES E., Assistant Professor of Chemical Engineering, Wayne State University, Detroit, Mich. 1958.

WAKELAND, HOWARD L., Assistant Dean, College of Engineering, Assistant Professor of Agricultural Engineering, University of Illinois, Urbana, Ill. 1955.

WALAS, STANLEY M., Associate Professor of Chemical Engineering, University of Kansas, Lawrence, Kans. 1953.

WALES, ROYAL L., Dean Emeritus of Engineering, University of Rhode Island, Kingston, R. I. *Life Member.* 1914.

WALING, JOSEPH L., Professor of Structural Engineering, Civil Engineering Dept., Purdue University, West Lafayette, Ind. 1948.

WALKER, CHARLES A., Professor of Chemical Engineering, Yale University, New Haven, Conn. 1942.

WALKER, CHARLES R., Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1950.

WALKER, ERIC A., President, The Pennsylvania State University, University Park, Pa. (*Member of Council, 1950–52; Vice President 1952–54.*) 1938.

Walker, Leonard D., Professor of General Engineering, University of Illinois, Urbana, Ill. 1928.

Walker, Morton, Professor of English, University of Louisville, Louisville, Ky. 1957.

Walker, Ralph C., Associate Professor of Electrical Engineering, Bucknell University, Box 746, Lewisburg, Pa. 1949.

Walker, S. Branch, Attorney, Patent Dept., American Cyanamid Co., Stamford, Conn. 1936.

Walker, Theodore H., Instructor in Industrial Engineering, North Carolina State College of Engineering and Agriculture, Raleigh, N. C. 1958.

Walkup, Joseph K., Professor and Head of Industrial Engineering, Iowa State College, Ames, Iowa. (*Member of Council, 1948–50.*) 1941.

Wallace, Alexander E., Senior Research Engineer, Solid Rockets, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, Calif. 1948.

Wallace, Charles E., Assistant Professor of Engineering Science, Arizona State College, Tempe, Ariz. 1958.

Wallace, Felix A., Professor of Civil Engineering, Assistant to the Dean, Director of Evening Session, The Cooper Union, Cooper Square, New York 3, N. Y. 1946.

Wallace, John M., Jr., Assistant Professor of Electrical Engineering, Georgia Institute of Technology, Chamblee, Ga. 1956.

Wallace, Lawrece W., Conference Leader, Engineering Training Program, Rock Island Arsenal, Rock Island, Ill. 1924.

Wallace, Raymond P., 324 Burnside St., Bellefonte, Pa. 1951.

Wallace, Victor L., Instructor in Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1958.

Wallace, W. P., Professor of Civil Engineering, Southwestern Louisiana Institute, Lafayette, La. 1947.

Wallace, William, Associate Professor of Mathematics, Northeastern University, Boston, Mass. 1953.

Walling, Curtis R., Professor of Engineering, San Diego State College, San Diego 15, Calif. 1952.

Wallis, Clifford M., Professor and Chairman of Electrical Engineering, University of Missouri, Columbia, Mo. 1935.

Walls, Donald M., Instructor, Central Technical Institute, Kansas City, Mo. 1954.

Wallis, Hugh C., II, Assistant Professor of General Engineering, Southwestern Louisiana Institute, Lafayette, La. 1958.

Wallschlaeger, Theodore W., Principal, John Palmer School, Chicago, Ill. 1953.

Walraven, H. Dale, Associate Professor of General Engineering, University of Illinois, Chicago, Ill. 1949.

Walsh, Edward J., Executive Director, Foundry Educational Foundation, 1138 Terminal Tower, Cleveland 13, Ohio. 1955.

Walsh, Frank W., Green Acres, 2346 Gulf to Bay Boulevard, Clearwater, Fla. *Life Member.* 1928

Walsh, Gerald W., Jr., Assistant Professor of Engineering Drawing, Syracuse University, Syracuse, N. Y. 1952.

Walsh, Harold V., Associate Professor of Drafting, The City College of the College of the City of New York, New York 31, N. Y. 1940.

Walsh, John B., Assistant Director, Electronic Research Laboratories, Columbia University, New York, N. Y. 1957.

Walsh, Thomas J., Professor of Chemical Engineering, Case Institute of Technology, Cleveland, Ohio. 1948.

Walten, M. G., Coordinator of Humanities Sequence and Professor of English, The City College of the College of the City of New York, New York 31, N. Y. 1948.

Walter, Elmer A., Instructor in Geology, St. Louis University Institute of Technology, St. Louis, Mo. 1957.

Walter, John A., Associate Professor of English and Technical Reports Editor, University of Texas, Austin, Tex. 1946.

Walters, Howard R., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Neb. 1947.

Walters, Robert E., Instructor in Mathematics, University of Louisville, Louisville, Ky. 1956.

Walther, Carl H., Professor of Civil Engineering, George Washington University, Washington, D. C. 1942.

Walton, Harold V., Associate Professor of Agricultural Engineering, Pennsylvania State University, University Park, Pa. 1957.

Walton, Jesse S., Professor and Head, Dept. of Chemical Engineering, Oregon State College, Corvallis, Ore. (*Member of Council, 1953–55.*) 1945.

Walton, John N., Instructor of Mechanical Engineering, Villanova University, Villanova, Pa. 1955.

Walton, Warren W., Jr., Associate Professor of Mechanical Engineering, University of Kentucky, Lexington 29, Ky. 1956.

Wandmacher, Cornelius, Associate Dean of Engineering, University of Cincinnati, Cincinnati, Ohio. (*Member of Council, 1948–49.*) 1939.

Wang, Chu-Kia, Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1949.

Wang, James T., Research Assistant in Civil Engineering, Purdue University, Lafayette, Ind. 1957.

Wang, Shou-Ling, Associate Professor of Civil Engineering, University of Missouri, Columbia, Mo. 1955.

Wang, Shu-Lung, Senior Engineer, Linde Air Products Co. P. O. Box 44, Tonawanda, N. Y. 1953.

Ward, Harry C., Instructor in Engineering Graphics, Tufts University, Medford, Mass. 1957.

Ward, Henry T., Head of Chemical Engineering, Kansas State College, Manhattan, Kan. 1937.

Ward, James B., Research Engineer, Pacific Power & Light, Oswego, Oregon. 1955.

Ward, Joseph E., Jr., Associate Professor of Electrical Engineering, Kansas State College, Manhattan, Kan. 1948.

Ward, Joseph S., Consulting Engineer, Joseph S. Ward, Inc., P. O. Box 91, Caldwell, N. J. 1948.

Ward, Robert P., Professor of Electrical Engineering, Agricultural and Mechanical College of Texas, College Station, Tex. 1937.

Ward, Samuel, Professor and Head, Emeritus, Dept. of Mechanics and Materials, Fenn College, Cleveland 15, Ohio. (Home: P. O. Box 412 Franklin, N. C.) *Life Member.* 1917.

Ward, Stanley H., Chemical Engineer, Development and Research Department, The International Nickel Company of Canada, Ltd., St. Catharines, Ontario, Canada. 1958.

Wardell, Arthur, Professor of Engineering Drawing, University of Toronto, Toronto, Canada. 1944.

Wareing, John F., Instructor in Electrical Department, New Bedford Institute of Technology, New Bedford, Mass. 1939.

Warfield, John N., Associate Professor of Electrical Engineering, University of Kansas, Lawrence, Kan. 1953.

Wark, Kenneth, Jr., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1956.

Warlam, Arpad A., Consulting Engineer, Hastings on Hudson, N. Y. 1952.

Warner, Burdett W., Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh 13, Pa. 1958.

Warner, Cecil F., Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1945.

WARNER, CHARLES H., Instructor in Mechanical Engineering, West Virginia University, Morgantown, W. Va. 1957.

WARNER, DOUGLAS F., Engineer, General Electric Co., Capacitor Dept., Hudson Falls, N. Y. 1951.

WARNER, EDWIN G., Senior Instructor in Mathematics and Science, Mohawk Valley Technical Institute, Utica, N. Y. 1958.

WARNER, FRANK M., Professor Emeritus of General Engineering, University of Washington, Seattle, Wash. *Life Member.* 1927.

WARNER, JOHN C., President, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1946.

WARNER, JOHN L., Associate Professor in Electrical Engineering, Tufts University, Medford 55, Mass. 1948.

WARNICK, CALVIN C., Associate Research Professor of Civil Engineering, University of Idaho, Moscow, Idaho. 1955.

WARNOCK, WALTER G., Professor of Mathematics, Rensselaer Polytechnic Institute, Troy, N. Y. 1936.

WARREN, S. REID, JR., Assistant Vice President, Undergraduate Engineer Affairs and Professor of Electrical Engineering, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia 4, Pa. 1943.

WARREN, RICHARD, Assistant Professor of Physics, Missouri School of Mines, Rolla, Mo. 1955.

WARSCHAWSKI, STEFAN E., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis 14, Minn. 1945.

WASHA, GEORGE W., Professor and Chairman of Mechanics, University of Wisconsin, Madison, Wis. 1950.

WASHBURN, DOUGLAS H., Associate Professor of Language and Literature, Rensselaer Polytechnic Institute, Troy, N. Y. 1952.

WASHINGTON, WILLIAM H., Supervisor Engineering Development Department, The Chemstrand Corp., Decatur, Ala. 1954.

WASIL, BENJAMIN A., Associate Professor of Civil Engineering, Syracuse University, Syracuse 10, N. Y. 1951.

WASSINK, HARRY J., Professor of Engineering, Calvin College, Grand Rapids, Mich. 1956.

WASSON, HAROLD P., Associate Professor of Mathematics, Newark College of Engineering, Newark, N. J. 1943.

WATERHOUSE, LEON J., V. and E. Manufacturing Company, 801 Medical Arts Building, Knoxville, Tenn. 1957.

WATERS, ERNEST W., Assistant to Vice President, Bell Telephone Labs., Murray Hill, N. J. 1944.

WATERS, EVERETT O., Professor Emeritus of Mechanical Engineering, Yale University, New Haven, Conn. 1914.

WATERS, JAMES S., Professor and Chairman of Electrical Engineering, Rice Institute, Houston 1, Texas. 1931.

WATKINS, BRUCE O., Associate Professor of Electrical Engineering, Utah State University, Logan, Utah. 1955.

WATKINS, FAIRFAX E., Associate Professor of Engineering Drawing, Ohio State University, Columbus, Ohio. 1948.

WATKINS, JOHN T., Associate Professor of Civil Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1957.

WATKINS, PETER H., 9047 Airline Highway, Baton Rouge, La. 1953.

WATKINS, REYNOLD K., Associate Professor of Civil Engineering, Utah State University, Logan, Utah. 1950.

WATSON, ALFRED J., Photogrametric Engineer, American Blueprint Company, Inc., New York, N. Y. 1954.

WATSON, CHARLES C., Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1948.

WATSON, CLARENCE E., Assistant Director, Armour Research Foundation, 10 West 35th Street, Chicago 16, Ill. (*Assistant Secretary and Editor, 1951–55.*) 1942.

WATSON, EARL W., Electrical and Instrumentation Engineer, Mast Engineering Company, Reading, Pa. 1951.

WATSON, GEORGE C., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1947.

WATSON, HARRY D., Professor and Head of Mechanical Engineering, University of Maine, Orono, Maine. 1926.

WATSON, HERBERT M., Radio Engineer, City of Richmond, Box 397, Station A, Richmond, Calif. 1943.

WATSON, KENNETH M., Vice President-Research and Development, The Pure Oil Company, Crystal Lake, Ill. 1943.

WATSON, RALPH M., Associate Dean, College of Engineering and Chairman, Dept. of Mechanical Engineering, Syracuse University, Syracuse 10, N. Y. 1953.

WATSON, SARA R., Professor of English, Fenn College, Cleveland, Ohio. 1954.

WATSON, WILLIAM W., Chairman of Physics, Yale University, New Haven, Conn. 1954.

WATT, JOHN R., Associate Professor of Mechanical Engineering, University of Texas, Austin, Tex. 1957.

WATTERS, GARY Z., Instructor in Civil Engineering, Chico State College, Chico, California. 1958.

WATTS, CALVIN T., Assistant Director, Louisiana State Department of Public Works, Baton Rouge, La., 1941.

WATTSON, ROBERT K., JR., Chief Engineer, Engineering Research, Wichita University, Wichita, Kan. 1948.

WAYLAND, J. HAROLD, Professor of Applied Mechanics, California Institute of Technology, Pasadena, Calif. 1953.

WAYMACK, REX W., Engineering, Modesto Junior College, Modesto, Calif. 1945.

WAYNICK, ARTHUR H., Director of Ionosphere Res. Lab., Professor and Head of Electrical Engineering, Pennsylvania State University, University Park, Pa. 1949.

WEAR, ROBERT J., Day School Administrator, Academy of Aeronautics, La Guardia Airport, Flushing, N. Y. 1954.

WEAVER, ARTHUR S., Associate Professor, Engineering Mechanics Department, Michigan College of Mining and Technology, Houghton, Mich. 1949.

WEAVER, ERNEST W., JR., Associate Professor of Mechanical Engineering, University of Toledo, Toledo, Ohio. 1946.

WEAVER, FREDERIC N., Professor of Civil Engineering, Tufts University, Medford 55, Mass. 1924.

WEAVER, GEORGE C., Associate Professor of Mechanical Engineering, The George Washington University, Washington, D. C. 1958.

WEAVER, GEORGE W., Associate Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1948.

WEAVER, JAMES B., Manager, Economic Evaluation, Atlas Powder Company, Wilmington 99, Del. 1955.

WEAVER, LYNN E., Associate Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

WEAVER, PAUL, Professor of Geology, A. & M. College of Texas, College Station, Texas. 1953.

WEAVER, ROBERT H., Director of Industrial Relations, The Falk Corporation, Milwaukee, Wis. 1949.

WEAVER, WILLIAM H., Head of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1952.

WEBB, BRYAN, JR., Assistant Professor of Electrical Engineering, University of Arkansas, Fayetteville, Arkansas. 1955.

WEBB, EDGAR G., Assistant Professor of Agricultural Engineering, Ontario Agricultural College, Guelph, Ontario, Canada. 1957.

WEBB, GEORGE W., Assistant Professor of Electrical Engineering, Tulane University, New Orleans, La. 1958.

Webb, Honer E., Assistant Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1956.

Webb, Harold W., Head Plumbing, Heating, and Refrigeration, Tuskegee Institute, Tuskegee, Ala. 1957.

Webb, G. A., Director of Engineering, Mellon Institute, Pittsburgh, Pa. 1956.

Webb, Lewis W., Jr., Director of College, Norfolk Division, William and Mary College, Norfolk, Va. 1946.

Webb, Martin L., Associate Professor of Electrical Engineering, Norwich University, Northfield, Vt. 1958.

Webb, V. H., Editor, The Macmillan Company, 60 Fifth Avenue, New York, N. Y. 1956.

Webb, Wayne, Professor of Physics, Pennsylvania State University, University Park, Pa. 1956.

Webb, William H., Professor of Chemical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

Webber, Henry A., Professor of Chemical Engineering, Iowa State College, Ames, Iowa. 1939.

Weber, Andrew R., Professor, Dept. of Mechanical Engineering, University of Dayton, Dayton 9, Ohio. 1935.

Weber, Arthur W., Director of Engineering, Corning Glass Works, Corning, N. Y. 1954.

Weber, John W., Instructor in Civil Engineering, Fenn College, Cleveland, Ohio. 1958.

Weber, Ernst, President, Polytechnic Institute of Brooklyn, 85 Livingston Street, Brooklyn 1, N. Y. (*Member of Council, 1952–54.*) 1935.

Weber, Homer S., Professor and Director, School of Mechanical Engineering, Georgia, Institute of Technology, Atlanta, Ga. 1935.

Weber, James H., Professor and Chairman of Chemical Engineering, University of Nebraska, Lincoln 8, Nebr. 1948.

Weber, John C., Associate Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1945.

Weber, Louis R., Professor and Head of Physics, Colorado State University, Fort Collins, Colo. 1948.

Weber, Paul, Dean of Faculties, Georgia Institute of Technology, Atlanta, Ga. 1944.

Weber, Robert L., Associate Professor of Physics, Pennsylvania State University, 625 West Ridge Avenue, State College, Pa. 1957.

Webster, Fred N., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1941.

Webster, Gordon L., Industrial Engineering, General Motors Institute, Flint, Mich. 1957.

Webster, James C., Associate Professor of Electrical Engineering, Howard University, Washington, D. C. 1938.

Webster, Karl S., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1958.

Webster, W., Editor, The Ronald Press Company, 15 East 26th Street, New York 10, N. Y. 1956.

Wedding, Presley A., Associate Professor of Civil Engineering, University of Maryland, College Park, Md. 1949.

Weeden, Harmer A., Associate Professor of Civil Engineering, Pennsylvania State University, University Park, Pa. 1941.

Weeks, Richard W., Assistant Professor of Electrical Engineering, San Jose State College, San Jose, Calif. 1958.

Weems, William R., Director, Industrial Development Center, Office of Economic Coordinator for Korea, A.P.O. 301, San Francisco, Calif. 1944.

Weers, Walter A., Assistant Professor in Civil Engineering, 3320 Martin Dr., Boulder, Colo. 1954.

Weger, Eric, Assistant Professor of Chemical Engineering, The Johns Hopkins University, Baltimore 18, Md. 1955.

Wehe, Robert L., Associate Professor of Mechanical Engineering, Cornell University, Ithaca, N. Y. 1950.

Wehmanen, Roy W., Assistant Professor of Mechanical Engineering, Michigan College of Mines and Technology, Houghton, Mich. 1952.

Wehner, J. Francis, Instructor in Chemical Engineering, Catholic University of America, Washington 17, D. C. 1958.

Weibel, Emil E., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1936.

Weidhaas, Ernest R., Associate Professor of Engineering Graphics, University of Maine, Orono, Me. 1951.

Weidmann, George P., Associate Professor of Mechanical Engineering, University of Massachusetts, Amherst, Mass. 1952.

Weidner, C. Ken, Dean of Faculty, American University of Beirut, Beirut, Lebanon. 1951.

Weikel, Raymond C., Associate Professor of Aeronautical Engineering, University of Washington, Seattle, Wash. 1950.

Weil, Joseph, Dean, College of Engineering, Director, Engineering and Industrial Experiment Station, University of Florida, Gainesville, Fla. (*Member of Council, 1942–46.*) 1923.

Weil, Robert E., Instructor, Chrysler Institute of Engineering, Detroit, Mich. 1958.

Weil, Robert T., Jr., Professor and Head, Dept. of Electrical Engineering, Manhattan College, New York, N. Y. 1936.

Weiland, Walter F., Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921.

Weimer, Frank C., Professor of Electrical Engineering, Ohio State University, Columbus, Ohio. 1948.

Weimer, Mary E., Instructor in English, Indiana Technical College, Fort Wayne, Ind. 1949.

Weinaug, Charles F., Professor & Chairman of Petroleum Engineering, University of Kansas, Lawrence, Kan. 1956.

Weinberg, Edwin B., Professor in Charge of Engineering, Sacramento State College, Sacramento, Calif. 1945.

Weinberg, Philip, Head of Electrical Engineering, Bradley University, Peoria, Ill. 1951.

Weindling, Joachim I., Lecturer in Mechanical Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1948.

Weinland, Louis A., Assistant Professor of Chemistry and Physical Sciences, Alfred University, Alfred, N. Y. 1955.

Weinstein, Jerome H., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1953.

Weinwurm, Ernest H., Associate Professor of Accounting, De Paul University, Chicago, Ill. 1952.

Weishampel, John A., Associate Professor, Dept. of Mechanical Engineering, Lafayette College, Easton, Pa. 1943.

Weiss, E. Joseph, Associate Professor of Ceramic Engineering, University of Texas, Austin, Texas. 1954.

Weiss, Joseph R., Consulting Engineer, Board of Higher Education, New York City. 1940.

Weiter, Elmer J., Assistant Professor of Mechanical Engineering, Marquette University, Milwaukee 3, Wis. 1951.

Welch, Austin H., Canaan, New Hampshire. 1958.

Welch, Ernest R., Professor and Head, Dept. of Electrical Engineering, Howard University, Washington, D. C. 1938.

Welch, Frederic W., Assistant Professor of Civil Engineering, Retired, State College of Washington, Pullman, Wash. *Life member.* 1921.

Welch, Herbert E., Instructor and Head, Drafting Dept., Stockton College, Stockton, Calif. 1942.

Welch, Homer W., Jr., Director of Research and Development, Military Electronics Division, Motorola, Incorporated, 8201 East McDowell Road, Phoenix, Ariz. 1955.

Welch, Walter R., Associate Editor, Engineering Books, Prentice-Hall, Inc., Englewood Cliffs, N. J. 1957.

Weller, Monroe R., Assistant Professor of Physics, Newark College of Engineering, Newark, N. J. 1949.

Weller, Richard I., Professor and Chairman of Physics, Franklin and Marshall College, Lancaster, Pa. 1957.

Wellman, Bernard L., Professor of Mechanical Engineering and Head, Drawing Division, Worcester Polytechnic Institute, Worcester, Mass. (*Member of Council, 1951–53.*) 1937.

Wellman, Edward J., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1951.

Wells, A. Edwin, Professor of Engineering, Lowell Technological Institute, Melrose, Mass. 1943.

Wells, Edward C., Vice President, General Manager, Systems Management Office, Boeing Airplane Company, Seattle, Wash. 1957.

Wendt, Kurt F., Dean of Engineering, University of Wisconsin, Madison 6, Wis. (*Member of Council, 1952–54; Vice President, 1958–60.*) 1927.

Wendt, William E., 816 Second Street, Liverpool, N. Y. 1955.

Wendt, Wylie B., Professor Emeritus of Civil Engineering, University of Louisville, Louisville, Ky. *Life Member.* 1908.

Wenk, I. P., Director of Personnel and Training, Republic Aviation Corporation, Conklin Street, Farmingdale, Long Island, N. Y. 1958.

Wennagel, Norman G., Assistant Professor of Engineering, New York State University Maritime College, Fort Schuyler, N. Y. 1954.

Wenner, Ernest V., Assistant Professor and Head, Dept. of Engineering Drawing, University of North Dakota, Grand Forks, N. D. 1948.

Wernecke, Robert B., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison 6, Wis. 1958.

Werner, Harold D., Instructor in Engineering Extension, Pennsylvania State University, Erie, Pa. 1956.

Werner, Julius M., Associate Professor of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1952.

Werts, Clyde, Rev., Assistant Professor of Engineering, Loyola University, Los Angeles, Calif. 1947.

Werwath, Heinz M., Vice President and Treasurer, Milwaukee School of Engineering, Milwaukee, Wis. 1946.

Werwath, Herbert D., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1950.

Werwath, Karl O., President, Milwaukee School of Engineering, Milwaukee, Wis. (*Member of Council, 1957–59.*) 1938.

Weschler, Maurice E., Professor of Mechanical Engineering, Catholic University of America, Washington, D. C. 1953.

Weske, John R., Visiting Research Professor, Institute of Fluid Dynamics and Applied Mathematics, University of Maryland, College Park, Md. 1934.

Wessler, Max A., Assistant Professor of Mechanical Engineering, Bradley University, Peoria, Ill. 1956.

Wessman, Harold E., Dean of Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1957–.*) 1934.

West, Charles T., Chairman and Professor of Engineering Mechanics, Ohio State University, Columbus, Ohio. 1955.

West, John T., Jr., Executive Secretary, Penn. Society of Professional Engineers, Harrisburg, Pa. 1955.

West, Ronald E., Assistant Professor of Chemical Engineering, University of Colorado, Boulder, Colo. 1958.

Westbrock, Adrian J., Design Engineer, Engineering Laboratory, Linde Air Products Company, Tonawanda, N. Y. 1948.

Westerheide, John R., Director, Research Center, University of Dayton, Dayton, Ohio. 1957.

Westermann, Fred E., Associate Professor of Metallurgical Engineering, University of Cincinnati, Cincinnati, Ohio. 1948.

Westfall, Claude Z., Assistant Professor of Engineering Graphics, University of Maine, Orono, Maine. 1956.

Weston, Edward R., Professor of Electrical Engineering, Georgia Institute of Technology, Atlanta, Ga. 1947.

Weston, Ernest E., Assistant Professor of Electrical Engineering, Valparaiso University, Valparaiso, Ind. 1957.

Westwater, James W., Associate Professor of Chemical Engineering, University of Illinois, Urbana, Ill. 1958.

Wetterstrom, Edwin, Associate Professor of Mechanical Engineering, North Dakota State College, Fargo, N. D. 1955.

Wey, Ralph H., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee 12, Wis. 1958.

Weyher, Theodore, A., Dean of Engineering, University of Miami, Coral Gables 46, Fla. 1957.

Weysser, John L. G., Consulting Mining Engineer, P.O. Box 15, Paxinos, Pa. 1940.

Wheadon, William C., Director, Institute of Industrial Research, Syracuse University, Syracuse, N. Y. 1949.

Wheaton, Herbert H., Dean of Arts and Sciences, Fresno State College, Fresno, Calif. (*Member of Council, 1950–53.*) 1936.

Wheeler, Richard C. H., Professor of Electrical Engineering, U. S. Naval Postgraduate School, Monterey, Calif. 1947.

Wheeler, Robert J., Instructor in Civil Engineering, State University of Iowa, Iowa City, Iowa. 1956.

Wheeler, Walter H., Consulting Structural Engineer, Metropolitan Life Bldg., Minneapolis, Minn. 1948.

Wheeler, Warren R., Assistant Professor of Electrical Engineering, University of Denver, Denver, Colorado. 1955.

Wheeler, William A., Adams Paper Converting Co., P. O. Box No. 1267, Monroe, La. 1950.

Wheelock, Ervin E., Instructor in Industrial Engineering, Purdue University, West Lafayette, Ind. 1950.

Whelan, Daniel E., Dean of Engineering, Loyola University of Los Angeles, Los Angeles, Calif. (*Member of Council, 1957–59.*) 1949.

Whenman, John H., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1930.

Whigham, William, Jr., Assistant to Executive Vice President, Personnel Services, United States Steel Corporation, Pittsburgh, Pa. 1958.

Whipple, Clyde C., Professor and Chairman, Dept. of Electrical Engineering, Supervisor of Electric Power and Light, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1924.

Whipple, Walter G., Technician Recruitment, Educational Department, Westinghouse Electric Corporation, Dravosburg, Pa. 1957.

Whisenand, John L., Assistant Professor of Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

Whisler, Benjamin A., Head, Department of Civil Engineering, Pennsylvania State University, University Park, Pa. (*Member of Council, 1958–.*) 1939.

Whitaker, Martin D., President, Lehigh University, Bethlehem, Pa. 1938.

WHITAKER, THOMAS N., Professor of Electrical Engineering, University of Houston, Houston, Tex. 1949.

WHITE, ARDIS H., Associate Professor of Civil Engineering, University of Houston, Houston, Tex. 1949.

WHITE, DAVID C., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1950.

WHITE, FRANK D., Associate Professor of Engineering Science, Wittenberg College, Springfield, Ohio. 1948.

WHITE, JAMES M., Associate Professor of Industrial Engineering, Stevens Institute of Technology, Hoboken, N. J. 1957.

WHITE, JOHN, Professor of Chemistry, Retired, Rose Polytechnic Institute, Terre Haute, Ind. 1929.

WHITE, JOHN R., Associate Professor of Civil **Engineering, College of the City of New York, New York, N. Y. 1939.**

WHITE, KENNETH H., Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1946.

WHITE, MARSH W., Professor of Physics, The Pennsylvania State University, University Park, Pa. 1945.

WHITE, MERIT P., Head of Civil Engineering, University of Massachusetts, Amherst, Mass. 1950.

WHITE, NORMAN E., Associate Professor of Chemistry, Drexel Institute of Technology, Philadelphia, Pa. 1957.

WHITE, ROBERT E., Professor and Chairman, Chemical Engineering Dept., Villanova College, Villanova, Pa. 1948.

WHITE, ROBERT R., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. *Tenth Recipient, George Westinghouse Award, 1955.* 1949.

WHITE, WILLIAM C., Vice President, Northeastern University, Boston, Mass. (***Member of Council, 1944–49; Vice President, 1952–54.***) 1926.

WHITEHEAD, EDWIN R., Director and Professor of Electrical Engineering, Illinois Institute of Technology, Chicago, Ill. 1947.

WHITEHORNE, ROBERT A., Manager of Personnel, Research Department, International Business Machines Corporation, New York, N. Y. 1956.

WHITEHOUSE, DAVID R., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1957.

WHITEHURST, ELDRIDGE A., Associate Director of Engineering Experiment Station and Director of Tennessee Highway Research Program, University of Tennessee, Knoxville, Tenn. 1955.

WHITESIDE, OSCAR R., Instructor in Engineering, Arlington State College, Arlington, Tex. 1957.

WHITFIELD, JOHN K., Associate Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1949.

WHITFORD, DANIEL E., Associate Professor of Mathematics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1943.

WHITFORD, ROBERT H., Technology-Physics-Chemistry Librarian, The City College of the College of the City of New York, New York 31, N. Y. 1942.

WHITING, ROBERT L., Professor and Head of Petroleum Engineering, Agricultural and Mining College of Texas, College Station, Tex. 1956.

WHITLOCK, BAIRD W., Assistant Professor of Humanities, Case Institute of Technology, Cleveland, Ohio. 1958.

WHITMER, CHARLES A., Professor of Physics, Rutgers University, New Brunswick, N. J. 1954.

WHITNEY, GEORGE S., Chairman of Industrial Division, Agricultural and Technical Institute, State University of New York, Alfred, N. Y. 1949.

WHITNEY, JOHN A., Assistant Professor of Electrical Engineering, Indiana Technical College, Fort Wayne, Ind. 1957.

WHITNEY, ROY P., Dean, The Institute of Paper Chemistry, Appleton, Wis. 1947.

WHITSON, LEE S., Director of Manufacturing, Toro Manufacturing Company, 3042 Snelling Ave., Minneapolis, Minn. 1952.

WHITT, SIDNEY A., Professor and Head of Industrial Engineering, Montana State College, Bozeman, Mont. 1948.

WHITTED, HUGH E., JR., Assistant Superintendent, Engineering Training Department, Western Electric Company, Incorporated, Winston-Salem, N. C. 1957.

WHITTEMORE, JOHN W., Dean, School of Engineering and Architecture, Virginia Polytechnic Institute, Blacksburg, Va. 1937.

WHITTERN, HARRY N., Assistant Professor of Mathematics, Tri-State College, Angola, Ind. 1958.

WHITTINGTON, HARRY K., Professor of Diesel Engineering, School of Technology, University of Houston, Houston, Texas. 1951.

WHITWELL, JOHN C., Professor of Chemical Engineering, Princeton University, Princeton, N. J. 1936.

WHITWORTH, BILLIE J., General Supervisor of the Product Engineering Department, Hughes Tool Company, Houston, Tex. 1956.

WICHMANN, ARTHUR P., Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1947.

WICKHAM, ROBERT C., Assistant Professor of Engineering Drawing, Ohio University, Athens, Ohio. 1949.

WIDDOP, ROBERT, Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1932.

WIDMER, WILBUR J., Associate Professor of **Civil Engineering, University of Connecti**cut, Storrs, Conn. 1948.

WIEBELT, JOHN A., Assistant Professor of Mechanical Engineering, Oklahoma State University, Stillwater, Okla. 1952.

WIENS, JACOB H., Instructor in Engineering, San Mateo Junior College, San Mateo, Calif. 1953.

WIERSMA, JOHN L., Professor of Agricultural Engineering, South Dakota State College, Brookings, S. D. 1958.

WIERZBICKI, LAWRENCE J., Professor of Engineering, Loyola University of Los Angeles, Los Angeles, Calif. 1955.

WIESENFELD, JOEL, Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1948.

WIESINGER, FREDERICK P., Assistant Professor of Civil Engineering, University of Illinois, Chicago 14, Ill. 1957.

WIESNER, JEROME B., Professor of Communications and Director, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

WIEWALL, MIGUEL, Dean of College of Science, University of Puerto Rico, Mayaguez, P. R. 1947.

WIGGINS, PETER F., Assistant Instructor in Engineering, New York State Maritime College, Bronx 65, N. Y. 1958.

WIGHT, CHARLES L., Design Engineer, Waterbury Tool Div., Vickers, Inc., Waterbury 91, Conn. 1949.

WIGHT, JOHN W., Gen. Mgr., Blakiston Division, McGraw-Hill Book Co., 330 W. 42nd St., New York 18, N. Y. 1946.

WILBUR, JOHN B., Professor and Head, Dept. of Civil and Sanitary Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (***Member of Council, 1948–50.***) 1934.

WILBUR, LESLIE C., Associate Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1950.

WILBUR, RALPH S., Professor Emeritus of Mechanical Engineering, Duke University, Durham, North Carolina. (*Life Member.*) 1933.

WILCOX, DONALD B., Professor of Industrial Engineering, University of Florida, Gainesville, Fla. 1937.

Wilcox, Elgin R., Professor and Executive Officer, Dept. of General Engineering, University of Washington, Seattle 5, Wash. (*Member of Council, 1933–36, 1953–55.*) 1925.

Wilcox, James E., Head, Dept. of Engineering, Santa Rosa Junior College, Santa Rosa, Calif. 1934.

Wilcox, L. R., Associate Professor of Mathematics, Illinois Institute of Technology, 3300 Federal Street, Chicago 16, Ill. 1957.

Wilcox, Milton L., Associate Professor of Electrical Engineering, United States Post Graduate School, Monterey, Calif. 1955.

Wilcox, Virginia L., Librarian, Colorado School of Mines, Golden, Colo. 1955.

Wild, John M., Director of Engineering, ARO, Inc., Tullahoma, Tenn. 1946.

Wilde, Ned, Assistant Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1958.

Wilder, David R., Associate Professor of Ceramic Engineering, Iowa State College, Ames, Iowa. 1958.

Wilder, Jesse H., Instructor in Mechanical Engineering, University of Dayton, Dayton, Ohio. 1954.

Wildes, Karl L., Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass. 1926.

Wile, Howard P., Administrator of Research, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1946.

Wiley, Gordon E., General Personnel Supervisor, New York Telephone Company, Albany, N. Y. 1956.

Wiley, J. Bruce, 33 Fairway Lane, Littletown, Colo. 1948.

Wiley, Ralph B., Professor Emeritus of Civil Engineering, Purdue University, Lafayette, Ind. (Home: 600 Bexley Road, West Lafayette, Ind.) *Life Member.* (*Member of Council, 1938–41.*) 1920.

Wiley, William B., President, John Wiley & Sons, Incorporated, 440 Fourth Avenue, New York 16, N. Y. 1937.

Wilhelm, Ernest J., Associate Professor of Chemical Engineering, University of Notre Dame, Notre Dame, Ind. 1939.

Wilhelm, Richard H., Chairman of Chemical Engineering, Princeton University, Princeton, N. J. 1936.

Wilk, Henry A., Coordinator of College Co-op, Technical Training Section, Chrysler Corporation, Detroit, Mich. 1957.

Wilke, Charles R., Professor and Chairman of Chemical Engineering, University of California, Berkeley, Calif. 1953.

Wilke, Harvey R., Associate Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1950.

Wilkes, J. Wray, Associate Professor of Industrial Engineering, Assistant to Vice President and Provost, University of Arkansas, Fayetteville, Ark. 1948.

Wilkes, Sherrell R., Assistant Professor of English, College of Engineering, University of Cincinnati, Cincinnati, Ohio. 1953.

Wilkinson, Bruce W., Chemical Engineer, Nuclear Research and Development, 366 **Building, Dow Chemical Co., Midland,** Mich. 1952.

Wilkinson, Roger I., Traffic Studies Engineer, Bell Telephone Labs., 463 West St., New York City 14, N. Y. 1936.

Willey, Earl C., Professor and Chairman of Engineering Drawing, Oregon State College, Corvallis, Ore. 1929.

Williams, Donald D., Instructor in General Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1957.

Williams, Edwin T., Associate Professor of Chemical Engineering, Pennsylvania State University, University Park, Pa. 1955.

Williams, Eugene R., Assistant Professor of Engineering, Bradford Durfee College of Technology, Fall River, Mass. 1952.

Williams, Everard M., Professor and Head, Dept. of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1939.

Williams, Frank H. M., Professor of Mathematics, Drexel Institute of Technology, Philadelphia, Pa. 1937.

Williams, G. Brymer, Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1948.

Williams, George L., Instructor of Physics, Newark College of Engineering, Newark, N. J. 1955.

Williams, Gordon C., Professor and Head, Dept. of Chemical Engineering, University of Louisville, Louisville 8, Ky. 1936.

William, Harry A., Professor of Civil Engineering, Stanford University, Stanford, Calif. 1947.

Williams, Herman B., Associate Professor of Mechanical Engineering, University of Florida, Gainesville, Fla. 1948.

Williams, H. Page, Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1937.

Williams, Ira L., Professor and Head of Agricultural Engineering, Texas Technological College, Lubbock, Tex. 1957.

Williams, John T., Associate Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1956.

Williams, Leo, Jr., Associate Professor of Electrical Engineering, Agricultural and Technical College, Greensboro, N. C. 1955.

Williams, Marvin O., Assistant Professor of Aeronautical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1943.

Williams, Milo R., Associate Professor of Mechanical Engineering, Tennessee Polytechnic Institute, Cookeville, Tenn. 1956.

Williams, Ralph M., Assistant Professor of Accounting, University of Omaha, Omaha, Nebr. 1954.

Williams, Robert J., Associate Professor and Chairman of Mechanical Engineering, University of Colorado, Boulder, Colo. 1949.

Williams, Robert M., Director, Engineering Design Division, Embry-Riddle Aeronautical Institute, Miami, Fla. 1957.

Williams, Samuel C., Associate Professor of Industrial Engineering, Stevens Institute, of Technology, Hoboken, N. J. 1949.

Williams, Theodore J., Technologist in Engineering, Monsanto Chemical Company, 1700 South 2nd Street, St. Louis, 4, Mo. 1954.

Williams, Theodore T., Instructor in Civil Engineering, Montana State College, Bozeman, Mont. 1958.

Williams, Tyler E., Jr., Industrial Engineer, Ordnance Management Engineering Training Program, Rock Island Arsenal, Rock Island, Ill. 1958.

Williams, Wentworth, Professor of English, Lowell Technological Institute, Lowell, Mass. 1952.

Williams, Wilbur S., Dean, School of Engineering, Portland University, Portland, Ore. 1954.

Williams, Willie, H., Instructor in Engineering, Tuskegee Institute, Alabama. 1958.

Williamson, Merritt A., Dean of Engineering and Architecture, Pennsylvania State University, University Park, Pa. 1956.

Williamson, Robert C., Head and Professor of Physics Department, University of Florida, Gainesville, Fla. (On Leave: Ford Foundation, University of Florida Program, c/o University of Mandalay, Mandalay, Burma.) 1954.

Willig, Walter L., President, Staten Island Community College, New York 1, N. Y. 1937.

Willis, Ben S., Associate Professor of Electrical Engineering, Iowa State College, Ames, Ia. 1929.

Willis, Clodius H., Professor of Electrical Engineering, Princeton University, Princeton, N. J. (*Member of Council, 1933–36.*) 1936.

Willis, Philip A., Engineering Examiner (Retired), United States Civil Service Commission, Washington, D. C. (*Life Member.*) 1929.

WILLITS, WILLIAM M., Assistant Professor of Mathematics, Michigan College of Mining and Technology, Houghton, Mich. 1957.

WILLS, JAMES R., Assistant Professor of Electronic Engineering, California State Polytechnic College, Pomona, Calif. 1956.

WILLSON, CLARENCE A., Research Engineer, American Iron and Steel Institute, New York, N. Y. 1956.

WILLSON, WILLIAM H., Assoc. Prof., Ref. and Air Cond., College of Technology, University of Houston, Houston, Texas. 1951.

WILSON, CHARLES E., JR., Assistant Instructor in Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1957.

WILSON, BAYNARD, Assistant Professor of Applied Mechanics, University of Kansas, Lawrence, Kan. 1957.

WILSON, CLEMENT C., Instructor in Mechanical Engineering, University of Tennessee, Knoxville, Tenn. 1957.

WILSON, CLAUDE L., Dean of Engineering, **Prairie View A. & M. College, Prairie View, Texas. 1946.**

WILSON, CURTIS L., Dean, Missouri School of Mines and Metallurgy, Rolla, Mo. (*Member of Council, 1952–54; 1958–.*) 1941.

WILSON, DALE G., Instructor in Industrial Technology, Purdue University, Fort Wayne, Ind. 1956.

WILSON, DAVID M., Professor and Head, Dept. of Civil Engineering, University of Southern California, Los Angeles 43, Calif. 1929.

WILSON, EARL R., Associate Professor of Mechanical Engineering, University of Akron, Akron, Ohio. 1930.

WILSON, FRANCIS W., President, Wilson Engineering Corp., College House Office, Harvard Squire, Cambridge, Mass. 1931.

WILSON, GRACE, Assistant Professor of General Engineering, University of Illinois, Urbana, Ill. 1950.

WILSON, HENRY C., Head of Radio Dept., School of Technology, University of Houston, Houston, Tex. 1951.

WILSON, HENRY D., Personnel Supervisor, Bell Telephone Laboratories, Murray Hill, N. J. 1950.

WILSON, JAMES R., JR., Instructor in Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1958.

WILSON, JOHN S., Associate, Heidrick and Struggles, 20 North Wacker Drive, Chicago, Ill. 1953.

WILSON, JAMES V., Professor and Head of Electrical Engineering, United States Air Force Academy, Denver 8, Colo. 1956.

WILSON, LEROY A., Professor Emeritus of Mechanical Engineering, 5414 Aloha Drive, St. Petersburg 6, Fla. (*Life Member.*) 1923.

WILSON, LEVI T., Professor of Mathematics and Physics, Doane College, Crete, Neb. 1950.

WILSON, NYAL E., Instructor in Engineering Drawing, Syracuse University, Syracuse, New York. 1958.

WILSON, RICHARD C., Instructor in Industrial Engineering, University of Michigan, Ann Arbor, Mich. 1956.

WILSON, ROBERT E., Head of Chemical Engineering Department, University of Dayton, Dayton, Ohio. 1955.

WILSON, THOMAS H., Associate Professor of Chemical Engineering, University of South Carolina, Columbia, S. C. 1950.

WILSON, WARREN E., Dean of Engineering, Pratt Institute, Brooklyn 5, N. Y. 1936.

WILSON, WILLIAM H., Associate Professor of Architecture, University of Oklahoma, Norman, Okla. 1953.

WILSON, WILLIAM S., Head of Chemistry and Chemical Engineering, University of Alaska, College, Alaska. 1948.

WILSON, WILSON S., Assistant Dean and Secretary, Faculty of Applied Science and Engineering, University of Toronto, Toronto, Canada. 1952.

WILTSE, STANLEY B., Professor of Electrical Engineering, and Chairman Cooperative and Extension Education, Rensselaer Polytechnic Institute, Troy, N. Y. 1935.

WINCHELL, ROBERT, Assistant Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1958.

WINDING, CHARLES C., Director of Chemical and Metallurgical Engineering, Cornell University, Ithaca, N. Y. 1939.

WINFREY, ROBLEY, Chief, Highway Needs and Economy Division, U. S. Bureau of Public Roads, Washington 25, D. C. 1940.

WINKLER, EDWIN W., Associate Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1930.

WINN, ALDEN L., Professor and Chairman of Electrical Engineering, University of New Hampshire, Durham, N. H. 1948.

WINN, CLARENCE C., Dean of Engineering, Detroit Institute of Technology, Detroit 26, Mich. 1935.

WINN, WILLIAM C., Instructor in Electrical Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1952.

WINSLOW, SETH L., Partner, Engineering and Production Department, A. T. Kearney and Company, 135 South La Salle Street, Chicago 3, Ill. 1949.

WINSOR, LAURISTON P., Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1948.

WINSTON, JOSEPH, Assistant Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1957.

WINSTON, STANTON E., Dean Emeritus of Evening Division, Illinois Institute of Technology, Chicago, Ill. (Home address: 401 South Quincy St., Hinsdale, Ill.) (*Member of Council, 1951–53.*) *Life Member.* 1928.

WINT, CECIL T., Electrical Engineering, Power Plant Subdivision, Westinghouse Atomic Power, 7105 Tilden Street, Pittsburgh 6, Pa. 1957.

WINTER, FREDERICK C., Associate Professor of Industrial and Management Engineering, Columbia University, New York, N. Y. 1950.

WINTER, WESLEY P., Assistant Professor of Industrial Engineering, Pennsylvania State University, University Park, Pa. 1953.

WINTERKORN, HANS F., Professor of Civil Engineering, Princeton University, Princeton, N. J. 1951.

WINTERS, STANLEY B., Instructor in English, Newark College of Engineering, Newark, N. J. 1957.

WINTON, L. S., Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1948.

WINTZ, WILLIAM A., JR., Associate Professor of Civil Engineering, Louisiana State University, Baton Rouge, La. 1957.

WIREN, ROBERT C., Professor of Mechanical Engineering, University of Toronto, Toronto, Ontario, Canada. 1953.

WIRTZ, LEO A., Assistant Professor of Electrical Engineering, Kansas State College, Manhattan, Kans. 1953.

WISCHMEYER, CARL, Retired Professor of Mechanical Engineering Rose Polytechnic Institute, Terre Haute, Ind. 1929.

WISCHMEYER, CARL, Retired Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. (Home address: 203 Madison Blvd., Terre Haute, Ind.) 1929.

WISE, JAMES N., Instructor in English, Newark College of Engineering, Newark 2, N. J. 1957.

WISE, W. R., JR., Lecturer in Mechanical Engineering, University of Maryland, College Park, Md. 1957.

WISEMAN, EUGENE R., Associate Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1940.

WISEMAN, HARRY A. B., Associate Professor of Civil Engineering, University of Miami, Coral Gables, Fla. 1954.

WISEMAN, ROBERT S., Chief, Research and Photometric Section, Corps of Engineer Research and Development Laboratories, Fort Belvoir, Va. 1949.

WISLICENUS, GEORGE F., Professor and Director of Garfield Thomas Water Tunnel, Ordnance Research Laboratory, Pennsylvania State University, University Park, Pa. 1951.

WITHEY, MORTON O., Dean Emeritus, College of Engineering, University of Wisconsin, Madison 6, Wis. *Life Member.* 1910.

WITHYCOMBE, RICHARD P., Instructor in Industrial Engineering, Oregon State College, Corvallis, Ore. 1958.

WITT, ROBERT P., Assistant Professor of Civil Engineering, Oklahoma State University, Stillwater, Okla. 1953.

WITTE, ARVEL B., 335 No. 18, Lincoln, Nebr. 1958.

WITTIG, CARL O. G., Professor and Head, Mechanical Engineering Dept., University of Louisville, Louisville, Ky. 1949.

WITTIG, FREDERICK E., Associate Professor of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1941.

WITTMER, FRANKLIN B., Professor of Chemistry, Michigan College of Mining and Technology, Houghton, Mich. 1954.

WITZELL, OTTO W., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1948.

WLADAVER, IRWIN, Associate Professor of Engineering Drawing, Ed. of *Journal of Engr. Drawing*, New York University, New York 53, N. Y. 1943.

WOCHOLSKI, LEONARD B., Associate Chairman of Science, General Motors Institute, Flint, Mich. 1956.

WOCKENFUSS, WILLIAM A., Assistant Professor of Mechanical Engineering, University of Maryland, College Park, Md. 1957.

WOHLFORD, JAMES G., Director of Cooperative Division, Georgia Technical Institute, Atlanta, Ga. (*Member of Council, 1955–57.*) 1948.

WOHLGEMUTH, RICHARD W., Instructor in Physics and Chemistry, Culver City High School, Trade-Technical Junior College, Culver City, Calif. 1957.

WOIDZIK, ALBERT T., Assistant Professor of Fabrics, Lowell Technological Institute, Lowell, Mass. 1957.

WOLF, EDWARD G., Engineering Section Head, Electrical Measurements Lab., Sperry Gyroscope Co., Great Neck, L. I., N. Y. 1947.

WOLF, ELMER, Assistant Professor of Engineering and Physics, Union Junior College, Cranford, N. J. 1952.

WOLF, HAROLD, Assistant Dean Guidance and Professor of Electrical Engineering, The City College of the College of the City of New York, New York 31, N. Y. 1942.

WOLF, HARRY K., Associate Professor of Electronics and Radio Engineering, California State Polytechnic Institute, Pomona, Calif. 1952.

WOLF, LEONARD, Professor and Head of Architecture and Architectural Engineering, Iowa State College, Ames, Iowa. 1954.

WOLF, ROBERT F., Assistant Professor in Metallurgical Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1958.

WOLFARTH, HARRY W., Associate Professor of Industrial Engineering, University of Pittsburgh, Pittsburgh, Pa. 1956.

WOLFE, HUGH C., Professor of Physics and Head of Physics Department, The Cooper Union School of Engineering, New York 3, N. Y. 1955.

WOLFE, JOHN K., Manager, Advanced Degree, Personnel, General Electric Company, 1 River Road, Schenectady, N. Y. 1955.

WOLFE, JOHN L., Instructor in Drawing, University of Louisville, Louisville, Ky. 1958.

WOLFF, IRVING, Vice President, Research, Radio Corporation of America, Princeton, N. J. 1958.

WOLFF, MARILYN J., Instructor in Engineering Graphics and Descriptive Geometry, University of Wisconsin, Milwaukee, Wis. 1956.

WOLFORD, JAMES C., Assistant Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1955.

WOLFSON, RICHARD, Instructor in Electrical Engineering, New York University, New York City 53, N. Y. 1958.

WOLMAN, ABEL, Professor of Sanitary Engineering, The Johns Hopkins University, Baltimore 18, Md. 1940.

WOLPERT, NATHAN N., Associate Editor, The Industrial Press, 93 Worth Street, New York, N. Y. 1948.

WOMACK, CHARLES C., Assistant to General Superintendent, United States Steel Corp., Youngstown, Ohio. 1948.

WOMOCHEL, HOWARD L., Associate Professor of Mechanical Engineering, Michigan State University, East Lansing, Mich. 1950.

WOOD, ALBERT D., Associate Scientist, Research and Advanced Development Division, Avco Manufacturing Corporation, Lawrence, Mass. 1956.

WOOD, ARTHUR B., Assistant Dean of Engineering, Professor and Head of Engineering Drawing, University of Tennessee, Knoxville, Tenn. 1938.

WOOD, CLEMMER R., Director of Engineering Student Personnel, Oklahoma State University, Stillwater, Okla. 1949.

WOOD, EDGAR H., Professor of Mechanics of Engineering, Emeritus, Cornell University, Ithaca, N. Y. *Life member.* 1910.

WOOD, EDWIN C., General Manager, The Wood-Regan Instrument Company, Incorporated, Nutley, N. J. 1957.

WOOD, FRANCIS P., Associate Professor of Electrical Engineering, Seattle University, Seattle 22, Wash. 1941.

WOOD, FRED M., Assistant Professor of Engineering Graphics, Tufts University, Medford, Mass. 1955.

WOOD, HENRY A., Supervisor of Machine Computations, Engineering Department, Chance Vought Aircraft, Dallas 1, Texas. 1940.

WOOD, HORACE W., JR., Professor and Chairman of Civil Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1946–47.*) 1937.

WOOD, J. ALBERT, JR., Professor of Electrical Engineering, Thayer School of Engineering, Dartmouth College, Hanover, N. H. 1938.

WOOD, JOE N., Professor of Machine Design, Kansas State College, Manhattan, Kans. 1938.

WOOD, JOHN F. D., Associate Professor of Mechanical Engineering, New South Wales University, North Sydney, New South Wales, Australia. 1957.

WOOD, KARL D., Professor and Acting Head of Aeronautical Engineering, University of Colorado, Boulder, Colo. 1957.

WOOD, LEONARD E., Assistant Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1956.

WOODBURN, JAMES G., Professor of Civil Engineering, University of Wisconsin, Madison 5, Wis. 1936.

WOODFIELD, KENNETH W., Science Department, General Motors Institute, Flint, Mich. 1957.

WOODRING, RICHARD E., Instructor in Civil Engineering, Drexel Institute of Technology, 32nd and Chestnut Streets, Philadelphia 4, Pa. 1957.

WOODROW, RAYMOND J., Executive Officer and Secretary Project Research and Inventions, Princeton University, Princeton, N. J. (*Vice President, 1956–.*) 1952.

WOODS, KENNETH B., Head of Civil Engineering, Purdue University, Lafayette, Ind. 1943.

WOODS, WILLIAM H., Instructor in Mathematics and Science, Lain Technical Institute, Indianapolis, Ind. 1958.

WOODSOME, FREDERIC O., Associate Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1954.

WOODSON, HERBERT H., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1956.

WOODWARD, EUGENE C., JR., Associate Professor of Mechanical Engineering, University of South Carolina, Columbia, S. Car. 1958.

WOODWORTH, FORREST M., Instructor in Engineering Drawing, University of Detroit, Detroit, Mich. 1952.

WOOLEY, JOHN C., Professor Emeritus of Agricultural Engineering, University of Missouri, Columbia, Missouri. (*Life Member.*) 1928.

WOOLF, JACK R., Dean of the College, Arlington State College, Arlington, Tex. 1956.

WOOLRICH, WILLIS R., Consulting Dean of Engineering, The University of Texas, Austin, Tex. (*Member of Council, 1943–48; President, 1952–53.*) 1935.

WOOLDRIDGE, ROY L., Director of Co-operative Work, Northeastern University, Boston, Mass. 1953.

WORK, CLYDE E., Head of Engineering Mechanics, Michigan College of Mining and Technology, Houghton, Mich. 1950.

WORK, HAROLD K., Director of Research Division, College of Engineering, New York University, New York, N. Y. (*Vice President, 1954–56.*) 1949.

WORK, LINCOLN T., Consulting Chemical Engineer, 36 West 44th Street, New York, N. Y. 1923.

WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1945.

WORLEY, WILLARD P., Instructor in Electrical Engineering, A. & M. College of Texas, College Station, Tex. 1957.

WORRELL, DONALD T., Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1944.

WORSENCROFT, ROBERT R., Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1939.

WORTHINGTON, CHARLES G., Secretary-Treasurer, Industrial Research Institute, Room 2709, 100 Park Ave., New York 17, N. Y. 1942.

WORTMAN, MAX S., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis 14, Minn. 1957.

WRAY, ROBERT C., Professor & Head of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1934.

WRIGHT, AUSTIN, Professor and Head, Dept. of English, Carnegie Institute of Technology, Pittsburgh 13, Pa. 1943.

WRIGHT, CHILTON A., Professor of Hydraulic and Sanitary Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1938.

WRIGHT, DANIEL K., JR., Professor of Machine Design, Case Institute of Technology, Cleveland 6, Ohio. 1945.

WRIGHT, DOUGLAS T., Professor and Chairman of Civil Engineering, Waterloo College, Waterloo, Ontario. 1958.

WRIGHT, FREDERICK D., Professor of Mining Engineering, University of Illinois, Urbana, Ill. 1958.

WRIGHT, HAROLD E., Assistant Professor of Mechanical Engineering, University of Dayton, Dayton, Ohio. 1958.

WRIGHT, HAROLD M., Professor of Mechanical Engineering, United States Naval Postgraduate School, Monterey, Calif. 1937.

WRIGHT, JOHN G., Associate Professor of Mechanical Engineering, Wayne State University, Detroit, Mich. 1958.

WRIGHT, OTIS L., Department Manager, Research and Development Staff, Sandia Corporation, Albuquerque, N. M. 1943.

WRIGHT, RALPH R., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1943.

WRIGHT, ROBERT L., JR., Instructor in Mechanical Engineering, Northeastern University, Boston 15, Mass. 1958.

WRIGHT, SAMUEL R., Professor and Head, Dept. of Civil Engineering, A. & M. College of Texas, College Station, Texas. 1946.

WRIGHT, THOMAS A., Instructor in Engineering Extension Dept., Pennsylvania State University, University Park, Pa. 1951.

WRIGHT, THOMAS J., Assistant Professor of Electrical Engineering, Manhattan College, New York, N. Y. 1958.

WRIGHT, WILBUR H., Associate Professor of Physics, Colorado College, Colorado Springs, Colo. 1954.

WRIGHT, WILLIAM F., Associate Professor of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1950.

WU, CHEN YUAN, Assistant Professor of Mechanical Engineering, Gonzaga University, Spokane 2, Wash. 1957.

WU, KING CHING, Engineering Faculty, University of Hong Kong, Hong Kong, 1956.

WULF, HURST E. J., Associate Professor of Mathematics and Mechanical Engineering, Lawrence Institute of Technology, Detroit, Mich. 1948.

WULFF, JOHN, Professor of Metallurgy, Massachusetts Institute of Technology, Cambridge, Mass. 1953.

WYANT, ROBERT A., Associate Professor of Electrical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1943.

WYKES, STANLEY A., Professor of Industrial Engineering, A. & M. College of Texas, College Station, Texas. 1944.

WYLIE, CLARENCE R., Professor and Chairman, Dept. of Mathematics, University of Utah, Salt Lake City, Utah. 1946.

WYLY, LAWRENCE T., Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1943.

WYMAN, HOLLIS J., Instructor in Mechanical Engineering, Franklin Institute, Boston 15, Mass. 1955.

WYNN, ROBERT S., Professor of Electrical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1957.

XIQUES, RICHARD J., Instructor in Engineering Drawing, University of Tennessee, Knoxville, Tenn. 1957.

YAGER, WILLIAM C., Research Assistant Astronomy, University of Illinois, Urbana, Ill. 1955.

YAGLE, RAYMOND A., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1956.

YAKURA, JAMES N., Associate Professor of Electrical Engineering, University of Dayton, Dayton, Ohio. 1957.

YAMAUCHI, YOSHIKAZU W., 4001 W. McNichols Rd., Detroit 21, Michigan. 1952.

YANG, YIH-CHANG, Research Laboratory, The Mead Corporation, Chillicothe, Ohio. 1951.

YANOSIK, GEORGE A., Associate Professor of Mathematics, New York University, New York, N. Y. 1938.

YANTIS, CHARLES W., Associate Professor of Engineering Mechanics, University of Arkansas, Fayetteville, Ark. 1957.

YARBOROUGH, KEITH A., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1958.

YARBROUGH, LAVERN A., Assistant Professor of Electrical Engineering, United States Air Force Academy, Colo. 1958.

YARNALL, JAMES B., Assistant to the Vice President for Engineering Affairs, University of Pennsylvania, Philadelphia, Pa. 1957.

YARRINGTON, PAUL T., Assistant Dean of Engineering, The Ohio State University, Columbus 10, Ohio. 1950.

YATES, CAMPBELL C., Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1950.

YATES, EDWIN L., Personnel Staff, General Motors Corporation, 3044 West Grand Blvd., Detroit 2, Mich. 1950.

YATES, WESLEY E., Assistant Professor of Agricultural Engineering, University of California, Davis, Calif. 1954.

YEH, HSUAN, Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1955.

YEN JUI LIN, Assistant Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada. 1955.

YEZ, MARTIN S., Professor of Engineering, El Camino College, Manhattan Beach, Calif. 1957.

YINGST, JAMES E., Manager, Staff Research and Automotive Development, Thompson Ramo Products, Inc., Cleveland, Ohio. 1952.

YORK, JESSE L., Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1943.

YORRA, ALVIN J., Instructor in Mechanical Engineering, Northeastern University, Boston Mass. 1956.

YOUNG, ALMON P., Professor and Head, Dept. of Mechanical Engineering, Michigan College of M. & T., Houghton, Mich. 1935.

YOUNG, ARTHUR L., Professor Emeritus of Agricultural Engineering, University of Illinois, Urbana, Ill. (Home address: 405 W. Green Urbana, Ill.) 1947.

YOUNG, C. HIGBIE, Professor and Head Emeritus, Dept. of Machine Design, Cooper Union, New York 3, N. Y. 1933.

YOUNG, CLARENCE R., Dean Emeritus of Applied Science and Engineering, University of Toronto, Toronto, Ontario, Canada. *Life Member.* 1914.

YOUNG, DANA, Dean, of School of Engineering, Yale University, New Haven, Conn. 1936.

YOUNG, DONALD F., Associate Professor of Theoretical and Applied Mechanics, Iowa State College, Ames, Ia. 1955.

YOUNG, DONOVAN H., Professor of Mechanics, Stanford University, Stanford University, Calif. 1943.

YOUNG, EARL R., Associate Professor of Agricultural Engineering, University of Kentucky, Lexington, Ky. 1946.

YOUNG, EDWIN H., Associate Professor of Chemical and Metallurgical Engineering, University of Michigan, Ann Arbor, Mich. 1946.

YOUNG, FREDERICK J., Assistant Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1957.

YOUNG, GEORGE A., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1958.

YOUNG, HERBERT P., Professor of English, Case Institute of Technology, Cleveland, Ohio. 1937.

YOUNG, HEWITT H., Associate Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1953.

YOUNG, JOHN G., Assistant Professor of Mechanical Engineering, Assistant to the Dean, University of Michigan, Ann Arbor, Mich. 1954.

YOUNG, LYLE E., Associate Professor of Engineering Mechanics, University of Nebraska, Lincoln, Nebr. 1949.

YOUNG, MILTON G., Professor and Chairman, Dept. of Electrical Engineering, University of Delaware, Newark, Del. 1940.

YOUNG, RALPH W., Head of Mathematics and Physics, Indiana Technical College, Fort Wayne, Ind. 1957.

YOUNG, RAYMOND E., Assistant to Dean of Engineering, Milwaukee School of Engineering, Milwaukee, Wis. 1958.

YOUNG, REAGAN H., Associate Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1947.

YOUNG, ROBERT L., Associate Professor of Mechanical Engineering, A. E. D. C., University of Tennessee, Tullahoma, Tenn. 1948.

YOUNG, WARREN C., Assistant Professor of Engineering Mechanics, University of Wisconsin, Madison, Wis. 1957.

YOUNGER, JOHN E., Professor and Head, Dept. of Mechanical and Aeronautical Engineering, University of Maryland, College Park, Md. 1938.

YOUNGMAN, LESTER A., Associate Professor of Physics and Engineering, Pan American College, Edinburg, Texas. 1955.

YUNGHANS, CHARLES E., Assistant Professor of Electrical Engineering, Valparaiso University, Valparaiso, Ind. 1957.

ZABCIK, CALVIN L., Instructor in Engineering Drawing, Arlington State College, Arlington, Tex. 1957.

ZABORSZKY, JOHN, Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1952.

ZACHARIAH, GERALD L., Instructor in Agricultural Engineering, Kansas State College, Manhattan, Kan. 1958.

ZACHER, CLARENCE H., Assistant Professor of Engineering, D.&M. Tech. Purdue University, Calumet Center, Hammond, Ind. 1951.

ZAHN, JOHN J., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1958.

ZALL, PAUL M., Assistant Professor of English, Los Angeles State College, Los Angeles, Calif. 1957.

ZAMPARO, JOSEPH, Assistant Professor of Physics, Manhattan College, New York, N. Y. (On leave: Nuclear Energy Products Division, ACF Industries, Incorporated, Washington, D. C.) 1956.

ZANBOORIE, MOHAMMED H., Instructor in Applied Mathematics, University of Colorado Extension Center, Denver, Colo. 1957.

ZANONI, ALPHONSE E., Assistant Instructor in Mechanics, Marquette University, Milwaukee, Wis. 1957.

ZANT, JAMES H., Professor of Mathematics, Oklahoma State University, Stillwater, Okla. (*Member of Council, 1946–49.*) 1943.

ZARET, MATTHEW E., Associate Professor of Electrical Engineering, The Cooper Union, Cooper Square, New York 3, N. Y. 1957.

ZEIGLER, KENNETH I., Editor, Engineering Books, McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. 1948.

ZELDIN, SAMUEL D., Associate Professor of Mathematics, Massachusetts Institute of Technology, Cambridge, Mass. 1937.

ZELENY, RICHARD A., Assistant Professor of Chemical Engineering, Michigan State University, East Lansing, Mich. 1957.

ZELIOS, DEMETRIUS, Professor and Chairman of Industrial Engineering, Pratt Institute, Brooklyn, N. Y. 1948.

ZEMANIAN, ARMEN H., Associate Professor of Electrical Engineering, New York University, New York, N. Y. 1957.

ZENGEL, JOHN F. P., Captain, U.S.A.F., Physicist, Team 407, APO 328, San Francisco, Calif. 1948.

ZERBAN, ALEXANDER H., Dean of Engineering, Hielyer College, Hartford, Conn. 1950.

ZERBY, ALTON B., Executive Secretary, Eta Kappa Nu Association, P. O. Drawer 447 Dillsburg, Pa. 1947.

ZERN, REBER T., Associate Professor of Electrical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1948.

ZETLIN, LEV, Visiting Professor of Civil Engineering, Manhattan College, New York, N. Y. 1957.

ZIELINSKI, PAUL B., Assistant Instructor in Mechanics, Marquette University, Milwaukee, Wis. 1957.

ZIEMAN, CLAYTON M., Head of Department of Electrical Engineering, U. S. Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio. 1954.

ZIEHN, ROBERT S., Instructor in Chemistry and Physics, Chicago Technical College, 2000 South Michigan Avenue, Chicago 16, Ill. 1957.

ZIMMERMAN, FRANCIS J., Assistant Professor of Mechanical Engineering, Yale University, New Haven 10, Conn. 1957.

ZIMMERMAN, J. F., Director, Research Personnel Service, Sinclair Research Laboratory, Inc., Harvey, Ill. 1958.

ZIMMERMAN, JOHN R., Assistant Professor of Engineering, Pennsylvania State University, Allentown, Pa. 1956.

ZIMMERMAN, JOSEPH F., Associate Professor of Humanistic-Social Studies, Worcester Polytechnic Institute, Worcester 9, Mass. 1956.

ZIMMERMAN, OSWALD T., Professor & Head of Chemical Engineering, University of New Hampshire, Durham, N. H. 1935.

ZIMMERMAN, RICHARD H., Professor of Mechanical Engineering, Ohio State University, Columbus 10, Ohio. 1955.

ZIMMERMAN, STANLEY, Assistant Professor of Mechanical Technology, Staten Island Community College, Staten Island 1, N. Y. 1957.

ZIMMERMAN, STANLEY W., Professor of Electrical Engineering, In Charge High Voltage Lab., Cornell University, Ithaca, N. Y. 1946.

ZIMMERMAN, WALTER E., Instructor in Engineering Drawing, University of Miami, Coral Gables, Fla. 1957.

ZIMPFER, WALTER H., Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1957.

ZINN, ROBERT E., Professor of Chemical Engineering, Northwestern University, Evanston, Ill. 1952.

ZIRNITE, GEORGE P., Instructor in English, Newark College of Engineering, Newark, N. J. 1957.

ZIZICAS, GEORGE A., Associate Professor of Engineering, University of California, Los Angeles 24, Calif. 1950.

ZMESKAL, OTTO, Dean, College of Engineering, University of Toledo, Toledo 6, Ohio. 1947.

ZMOLA, PAUL C., Manager, Reactor Engineering Division, Combustion Engineer, Windsor, Conn. 1946.

ZOBEL, EDWARD C., Assistant Professor of Engineering Mechanics, Wayne University, Detroit, Mich. 1954.

ZOLLER, J. HAROLD, Chairman of Civil Engineering, University of New Hampshire, Durham, N. H. 1951.

ZOOK, WILLIAM W., Assistant Professor and Acting Head of Industrial Engineering, University of Wichita, Wichita, Kans. 1955.

ZOERB, GERALD C., Associate Professor of Agricultural Engineering, South Dakota State College, State College Station, S. D. 1955.

ZOLLER, J. HAROLD, Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1951.

ZOSS, LESLIE M., Assistant Professor of Mechanical Engineering, Valparaiso University, Valparaiso, Ind. 1958.

ZOZZORA, FRANK V., Head and Professor of Engineering Graphics, University of Delaware, Newark, Del. 1942.

ZSUFFA, LESLIE F., Chief Regional Engineer, Atlanta Region, United States Post Office Department, 404 Federal Annex Building, Atlanta 3, Ga. 1946.

ZUBALY, ROBERT B., Assistant Professor of Engineering, New York State Maritime College, Bronx 65, N. Y. 1958.

ZUCKER, ROBERT D., Assistant Professor of Mechanical Engineering, University of Louisville, Louisville, Ky. 1957.

ZUCROW, MAURICE J., Professor of Gas Turbine and Jet Propulsion, Purdue University, Lafayette, Ind. 1948.

ZUK, WILLIAM, Associate Professor of Civil Engineering, University of Virginia, Charlottesville, Va. 1953.

ZULAUF, EARL C., Assistant Professor of Engineering Graphics, University of Detroit, Detroit, Mich. 1958.

ZUMWALT, GLEN W., Research Associate in Mechanical Engineering, University of Illinois, Urbana, Ill. 1958.

ZUR BURG, FREDERICK W., Dean, College of Engineering, Southwestern Louisiana Institute, Lafayette, La. 1943.

ZUSPAN, G. WILLIAM, Assistant Professor of Metallurgical Engineering, Drexel Institute of Technology, Philadelphia, Pa. 1956.

ZWEIG, FELIX, Professor of Electrical Engineering, Yale University, New Haven, Conn. 1943.

ZWEIP, DONALD N., Head of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1951.

ZWINCK, CARL H., Associate Professor of Industrial Engineering, State University of New York, Agricultural and Technical Institute, Morrisville, N. Y. 1958.

ZYLSTRA, LAURENCE B., Associate Professor of Mechanical Engineering, University of Washington, Seattle 5, Wash. 1953.

Total Individual Members 8,753

ADDRESSES UNKNOWN

BELL, NORMAN R.
BOEHMER, ANDREW P.
BOLING, RONALD W.
BOYNTON, PAUL W.
BRYANS, ANDREW E.
BUCHBINDER, HAROLD G.
CALABRESE, GIUSEPPE O.
CHASE, EUGENE C.
CUNNINGHAM, WILLIAM A.
FAZEKAS, GABRIEL A. G.
FLARITY, EARL C.
GORMAN, PAUL J.
GLEASON, JAMES G.
GOODSTEIN, ROBERT
HANEY, HAROLD E.
HEAD, ROBERT R.
HERNLEY, KENNETH P.
HOEHN, WILLIAM J.
HOLT, JAY
HOPWOOD, JOHN F. X.
HUGHES, CHARLES S.
HYMAN, HARRIS
INCE, SIMON
KAUFMANN, FRED H.
KENT, HARRY L., JR.
KHAN, SHUJAAT A.
KIESLING, ERNST W.
LEE, MARY H.
LOWE, WILKYE B.
MILLER, JOHN L.
MCFARLAND, FRANCIS J.
MCMAHON, THURMUL F.
OJALVO, MORRIS
OSTERTAG, CHARLES W.
PRICE, PHILIP
REYNOLDS, ELBERT B., JR.
RINGE, DONALD A.
RUMBLE, CHARLES A.
SEIBERT, CHARLES B.
SHANAHAN, ROBERT J.
SINDLINGER, WALTER E.
TU, PING-SHUO
VOGEL, MILTON L.
WALSH, FRANK W.
WESTBROCK, ADRIAN J.
WILLS, JAMES R.
YADOFF, OLEG

Geographical Distribution of Membership

ALABAMA

Auburn

Sturm, R. G., *Sr.Partner.;* Sturm & O'Brien

Alabama Polytechnic Institute

Adams, C. L., *Hd.Sch.Tex.Tech.*
Basore, C. A., *P.&H.Ch.E.*
Bennett, J. G., *P.M.E.*
Brown, E. I., *Asst.Dn.*
Chase, A. S., *Assoc.P.C.E.*
Collins, B. K., *Assoc.P.Dr.&Des.*
Cox, J. G., *Assoc.P.M.E.*
Draughon, R. B., *President*
Forsyth, R. A., *Inst.C.E.*
Francis, W. H., *Assoc.P.Draw.*
Funchess, L. E., *Dir.Bldg.&Grounds*
Gearing, C. E., *Dir.Engr.Ext.*
Hannum, J. E., *DeanEngr.*
Holman, F. L., Jr. *Asst.P.C.E.*
Honnell, M. A., *P.E.E.*
Ingalls, R. D., *Asst.P.M.E.*
Klepinger, W. J., *Asst.P.E.Dr.&Design*
Kummer, F. A., *H.,Dept.Agr.Eng.*
Lane, W. E., *Hd.P.Indus.Mgt.*
Little, A. S., *Assoc.P.E.Draw.&Des.*
Min, T. C., *Assoc.P.E.Draw.&Des.*
Mitchell, R. D., *Asst.P.Eng.Draw&Des.*
Morgan, W. W., *Asst.P.Ind.Mang.*
Morris, R. E., *Inst.E.Dr.&Des.*
McClung, J. D., *Assoc.P.Draw.*
Needy, J. A., *P.M.E.*
Pitts, R. G., *Hd.P.Aero.E.*
Potter, P. J., *Hd.&P.M.E.*
Pumphrey, F. H., *Dean*
Sahag, L. M., *H.P.Eng.Draw.&Des.*
Sherling, W. G., Jr., *Assoc.P.Aero.E.*
Sturrock, W., *Assoc.P.E.E.*
Tanger, G. E., *Assoc.P.M.E.*
Thacker, H. R., *Asst.P.C.E.*
Williams, M. O., *Asst.P.Aero.E.*

Birmingham

Carothers, F. L., *Div.Eng.*, Chicago Bridge & Iron Co.
Daniel, K. R., *VicePres.*, Amer. Cast Iron Pipe Co.

Coden

Rabby, J. W., Box 13

Decatur

The Chemstrand Corp.

Oden, E. C., *Sec.Hd.Res.&Dev.*
Preston, A. D., *Tech.Pers.Mgr.*
Stone, L. E., *Pers.Mgr.*
Washington, W. H., *Supr.Engr.Devel.Dept.*

Huntsville

Nead, D. M., *Assoc.P.Math.*, Univ. of Ala.

Redstone Arsenal

Dawson, J. K., *Weld.Engr.*
Deschere, A. R., *Gen.Mang.*
Head, R. R., *UnitChief*
Lackler, J. L., TFSO OML
Lee, M. H.
Merchant, W. H., *Coord.,Coop.Train.*
Quarles, G. G., *Chf.Scientist*
Spivey, D. C., *Coop.Coord.*

Mobile

Eaton, M. E., *Asst.Prof.&Head*, Univ. of Alabama Center
Li, S. T., 709 Creighton Towers, 758 St. Michael Street
Taylor, W. H., Ewin Engineering Corp.

Tuscaloosa

Petersen, J. S., *Assoc.P.E.Mechs.*, Univ. of Alabama

Tuscumbia

McRight, R. B., *PlantElec.Engr.*, Colbert Steam Plant

Tuskegee

Tuskegee Institute

Bowen, D. H., *Asst.P.E.*
Bowles, L. E., *Inst.Engr.*
Davis, J. D., *P.&Act.DeanE.*
Downs, O. L., *Hd.Mach.Shop&Weld.*
Levister, E. C., Jr., *Inst.Engr.*
Reed, G. A., *Asst.P.M.E.*
Smith, G. A., *Inst.Engr.*
Trammell, G. R., *H.Elect.Dept.*
Webb, H. W., *Hd.,Plumbing,Heat.&Refrig*
Williams, W. H., *Inst.Engr.*

University

University of Alabama

Bennett, J. A., *P.&Hd.E.Dr.*
Bryan, C. H., *P.&H.Aero.Engr.*
Coons, K. W., *P.&H.Ch.E.*
Cudworth, J. R., *Dean*
Davis, D. S., *Hd.Chem.,Pulp&PaperTech.*
Eustis, I. N., *Asst.P.Draw.*
Finnell, E. J., Jr., *Dir.Engr.Ext.Serv.*
Gary, J. H., *Assoc.P.Chem.Eng.*
Gray, W. F., *P.E.E.*
Hayes, C. P., *Assoc.P.E.Dr.*
Hassell, H. P., Jr., *Asst.P.I.E.*
Hollub, R. M., *Inst.Aero.Engr.*
Johnson, G. C. K., *Prof.&Hd.Ind.Eng.*
Jordan, W. D., *P.E.Mechs.*
Keith, W. G., *Assoc.P.C.E.*
Killingsworth, R. W., *Assoc.P.Engr.*
Kuenzel, H., *P.&H.M.E.*
Liu, C. K., *Assoc.P.M.E.*
Matheny, J. D., *Assoc.P.M.E.*
McLean, D. H., *Assoc.P.C.E.*
Miller, W. J., *P.&H.E.E.*
Nichols, J. O., *Inst.Aero.E.*
O'Steen, D. N., Jr., *Asst.P.E.E.*
Rey, W. K., *P.Aero.E.*
Rodgers, E., *Dn.Grad.Schl.*
Shotts, R. Q., *P.MiningE.*
Stanton, W. G., *P.I.E.*
Stiles, W. B., *P.&H.Eng.Mech.*
Still, A. J., *Assoc.P.Ch.E.*
Tindal, R. T. *C.E.*

ALASKA

College

University of Alaska

Beistline, E. H., *DeanMines*
Cashen, W. R., *DeanofStudents*
Hessler, V. P., *Res.P.Geophys.Inst.*
Rice, E. F., *P.C.E.*
Wilson, W. S., *Hd.Chem.&Chem.E.*

GEOG

Homer

Cowles, R. G., *Super.English,* Homer Terr. H. S.

ARIZONA

Fort Huachuca

Semelsberger, R. E., 4026A Henry Place

Litchfield Park

LaPrade, G. L., *Engrg.Spclst.-Res.&Devl.,* Goodyear Aircraft Corp.

Phoenix

Lewis, F. L., *V.Pres., Arizona Telemetering Corp.*
Welch, H. W., Jr., *Dir.ResearchandDevelop,* Motorola, Inc., 8201 E. McDowell Road

AlResearch Mfg. Co.

Anderson, B. W., *Stress&Vibr.Engr.*
May, J. R., *Hd.NuclearSystems&Spec.ProjectsGroup*
Owen, W. M., *Dev.Engr.*
Steele, M. C., *Stress&Vib.Engr.*
Teffeau, G. K., *Tech.Editor*

Tempe

Arizona State College

Barkson, J. A., *P.E.*
Beakley, G. C., Jr., *P.E.*
Cobb, P. R., *Asst.P.E.;Eng.Sci.*
Cron, R. E., Jr., *Asst.P.Engr.*
Crowley, C. A., *P.Engr.*
Fry, H., *Assoc.P.E.*
Hill, L. A., Jr., *Asst.P.E.*
Kaufman, L. B., *Asst.P.E.*
King, A. S., *Asst.P.E.*
Merritt, C. H., *Assoc.P.E.*
Nutt, M. C., *Assoc.P.M.E.*
Reiser, C. O., *P.Engr.*
Rice, W., *Assoc.P.E.Sc.*
Riese, R. L., *P.Engr.*
Ruff, P. F., *Asst.P.Engr.*
Russell, F. D., *Instr.Engr.*
Stafford, A. B., *P.Engr.*
Thompson, L. P., *Dn.Engr.*
Wallace, C. E., *Asst.P.Engr.Sci.*

Tucson

Borgquist, E. S., 1017 Palm Road
Denning, M. A., *Hd.Mech.Dr.,* Tucson Sr. H. S.
Merrill, R. A., Place & Place Arch. & Eng.

Hughes Aircraft Company

Osborn, S., *Des.Engr.*
Peterson, D. A., *Tech.Writer*

University of Arizona

Barnett, R. M., *Inst.C.E.*
Becker, S., *Asst.P.Phys.*
Blanchard, J. W., *Assoc.P.E.E.*
Bottaccini, M. R., *Dept.M.E.*
Brattin, C. L., *Asst.P.M.E.*
Buckman, C. J., *Asst.P.C.E.*
Butler, G. M., *DeanEm.*
Chapman, R. L., *Assoc.P.M.E.*
Christensen, H. D., *Hd.M.E.*
Clark, J. C., *P.E.E.*
Cunningham, J. B., *P.Met.*
Drevdahl, E. R., *Assoc.P.Min.E.*
Dunn, O. E., *Asst.P.E.E.*
Elevatorski, E. A., *Asst.P.C.E.*
Forrester, J. D., *DeanMines;Dir.Ariz.Bur. Mines*
Genin, J., *Inst.,C.E.*
Hausenbauer, C. R., *P.E.E.*
Hawes, D. R., *Assoc.P.C.E.*
Hessemer, R. A., Jr., *P.E.E.*
Hoehn, A. J., Jr., *Inst.E.E.*
Irwin, C. T., *Inst.C.E.*
Janza, F. J., *Assoc.P.E.E.*
Jordan, F. E., *Asst.P.M.E.*
Kent, B., *Instr.C.E.*
Lagaard, M. B., *Assoc.P.C.E.*
LaTorre, V. R., *Inst.E.E.*
Lersch, W. H., *Inst.C.E.*
Linville, F. A., *Inst.C.E.*
Lowe, L. H., *Inst.C.E.*
Martin, T. L., Jr., *Dn.Engr.*
Matsch, L. W., *P.E.E.*
Mearls, W. J., *Asst.P.E.E.*
Mees, Q. M., *Assoc.P.C.E.*
Milks, D. E., *Instr.C.E.*
Munn, H. T., *Inst.M.E.*
Neff, R. C., *Assoc.P.C.E.*
Newlin, P. B., *Assoc.P.C.E.*
Nordby, G. M., *Hd.C.E.*
Oesterling, L. K., *Asst.P.C.E.*
Park, J. C., *Dn.Emer.*
Perkins, A. N., *Inst.E.E.*
Roberts, E. N., *Inst.C.E.*
Rogers, P. H., *P.E.E.*
Russell, G. M., *Assoc.P.E.E.*
Russell, P. E., *P.&Hd.E.E.*
Schmidt, H. P., *Assoc.P.C.E.*
Schwalen, H. C., *HeadAgr.E.*
Seames, A. E., *Asst.P.M.E.*
Smith, J., *Inst.E.E.*
Stock, G. B., *Inst.E.E.*
Weaver, L. E., *Assoc.P.E.E.*
Wilde, N., *Asst.P.E.E.*

ARKANSAS

Fayetteville

Carter, D. G., 435 W. North St.
Green, J. W., Jr., 327 North Washington St.

University of Arkansas

Andrews, J. F., *Asst.P.C.E.*
Barker, M. E., *P.&H.Ch.E.*
Barnette, N. H., *P.&H.E.E.*
Benedict, R. H., *Asst.P.Agric.E.*
Bissett, J. R., *Assoc.Dir.Engr.Exp.Sta.*
Branigan, G. F., *DeanEng.*
Brown, A. S., *Assoc.P.E.E.*
Bryan, B. B., *Assoc.P.Agr.Eng.*
Bryson, W. C., *Asst.P.Engr.Mechs.*
Cannon, W. W., *P.E.E.*
Cogburn, C. O., *Assoc.P.M.E.*
Daniel, D. E., *Inst.C.E.*
Deaver, F. K., *Asst.P.M.E.*
Dennett, H. F., *Asst.P.I.E.*
Engler, K., *P.&H.Agri.Engrg.*
Fabrycky, W. J., *Inst.Ind.E.*
Fleming, P., Jr., *Inst.E.E.*
Gilbrech, D. A., *Assoc.P.Engr.Mechs.*
Good, M. R., *P.I.E.*
Harp, J. F., *Inst.E.Mech.*
Heiple, L. R., *P.&Hd.C.E.*
Horan, T. M., *Asst.P.E.E.*
Jefferson, T. B., *P.&Hd.M.E.*
Imhoff, J. L., *P.&H.I.E.*
Jeske, R. L., *Assoc.P.M.E.*
Kirby, L. R., *P.Eng.Mech.*
Lewis, F. W., *Inst.E.E.*
Mahone, L. W., *P.C.E.*
McNeal, Xzin, *Assoc.P.Agric.E.*
Oxford, C. W., *P.Ch.E.*
Paddock, R. G., *P.&H.M.E.*
Sanders, J. P., *Assoc.P.Ch.E.*
Scott, E. L., *Inst.M.E.*
Sharrah, P. C., *P.Phys.*
Spears, S. M., *P.C.E.*
Stelzner, W. B., *P.&H.E.E,Emeritus*
Stephenson, K. Q., *Inst.Agr.Eng.*
Stocker, G. P., *Assoc.P.E.*
Terrell, P., *Inst.Ind.E.*
Webb, B., Jr., *Asst.P.E.E.*
Wilkes, J. W., *Assoc.P.I.E.;Asst.V.P.& Provost*
Wray, R. C., *P.&Hd.Mech.;P.C.E.*
Yantis, C. W., *Assoc.P.Eng.Mech.*

GEOG

Magnolia

Southern State College

Barnes, L. K., *Hd.Eng.*

Monticello

Arkansas Agricultural College

Hart, B. E., *Assoc.P.E.Dr.*

Russellville

Arkansas Polytechnic College

Thompson, H. F., *Chm.Eng.*
Turner, A. S., *P.&H.C.E.*

CALIFORNIA

Alhambra

C. F. Braun & Co.

McCammon, L. B., Jr., *Sr.Designer*

Arcata

Humboldt State College

Klose, O. M., *Assoc.P.Math.*

Bakersfield

Bakersfield College

Harris, N., *Dir. Tech.Educ.*
Hemmerling, E. M., *Chrm.E.*
Pananides, N. A., *Inst.Math.&Engrg.*
Sagen, G. O., *Chm.,ScienceDept.*

Bellflower

Acker, D. D., *Asst.toMgr.,Appl.Autonetics,* North Amer. Aviation

Berkeley

Dixon, H. S., *Consult.Engr.,* 2813 8th St.
Pinger, R. W., *Col.U.S.ArmyRet.*
Powell, G. L., *Asst.ChiefEng.,* Standard Oil Co.
Shuldiner, P. W., 1710 Grant St.

University of California

Bainer, R., *Asst.DeanEng.*
Baron, F., *P.C.E.&Irrig.*
Biehl, A. T., *Lecturer*
Bourne, H. C., Jr., *Assoc.P.E.E.*
Bresler, B., *Assoc.P.C.E.*
Campbell, J. S., *Assoc.P.I.E.*
Conroy, G. P., *Lab.Tech.*
Cornet, I. I., *Assoc.P.M.E.*
Davis, G. E., *Lec.Eng.Design*
Davis, H. E., *P.&Chm.C.E.;Dir.Transp.& Traffic*
Davis, R. E., *Dir.Eng.Mat.Lab.&P.C.E.*
De Garmo, E. P., *P.&Chm.I.E.*
Derleth, C., *P.Emer.*
Dinning, J., *Assoc.Eng.*
Dorsey, E. E., *Jun.Eng.&Assoc.Eng.*
Eberhart, H. D., *P.C.E.*
Fulrath, R. M., *Act.Asst.P.Min.Tech.*
Garland, C. F., *P.E.Des.,Asst.DeanEng.*
Giedt, W. H., *Assoc.P.M.E.*
Grassi, R. C., *Assoc.P.M.E.*
Guilford, E. C., *Assoc.E.E.*
Hirsca, Fred, *Lect.E.Des.*
Hopkin, A.M., *Assoc.P.*
Horning, D. O., *Res.Engr.&Lect.*
Howe, E. D., *P.Chm.M.E.*
Huelsman, L. P., *Assoc.P.E.E.*
Iversen, H. W., *P.M.E.*
Johnson, H. A., *P.M.E.*
Jones, J. H., *Asst.P.C.E.*
Keachie, E. C., *Assoc.P.I.E.*
Keim, P. F., *P.C.E.*
Kelly, J. W., *P.C.E.*
Kyle, W. T., *Jun.Eng.&Assoc.Eng.*
Lapsley, J. T., *Assoc.P.M.E.Engr.*
Levens, A. S., *P.M.E.*
Lienhard, J. H., *Assoc.inM.E.*
Lin, T. Y., *P.C.E.*
Mahlmeister, J. E., *Assoc.Eng.*
Meriam, J. L., *P.E.Mech.*
Mikhail, S. L., *Asst.P.E.E.*
Monismith, C. L., *Asst.P.C.E.*
Moyer, R. A., *P.C.E.;Res.Engr.;Chm.Trans. Eng.*
Nelson, C. W., *Assoc.P.Mechs.&Des.*
O'Brien, M. P., *Dean*
Oppenheim, A. K., *Assoc.P.M.E.*
Orlob, G. T., *Asst.P.C.E.*
Pask, J. A., *P.Cer.E.*
Perry, R. L., *P.Agric.E.*
Popov, E. P., *P.&Vice-Chm.C.E.*
Redman, G. P., *I.E.*
Rubel, J. H., *Lec.E.*
Saunders, R. M., *Assoc.P.E.E.*
Schade, H. A., *P.NavalArch.*
Scheffey, C. F., *Asst.P.C.E.*
Scordelis, A. C., *Assoc.P.C.E.*
Smith, O. J. M., *P.E.E.*
Sproul, R. G., *Pres.Emer.*
Steidel, R. F., Jr., *Assoc.P.M.E.*
Stewart, P. B., *Assoc.P.M.E.*
Studer, J. J., *Lect.E. E.*
Susskind, C., *Assoc.P.E.E.*
Thal-Larsen, H., *Assoc.P.M.E.*
Tichvinsky, L. M., *Mech.Eng.*
Todd, D. K., *Assoc.P.C.E.*
Troxell, G. E., *P.C.E.*
Vermeulen, T., *P.Ch.E.*
Vogt, C. J., *P.M.E.*
Wilke, C. R., *P.&Chm.Ch.E.*

Beverly Hills

Pacific States University

Buffinger, W. G., *Pres.*

Burbank

Lockheed Aircraft Corp.

Kadushin, J., *Sup.Engr.&Electr.Train.*
Maechler, H. C., *Engr.Dr.Checker*

Canoga Park

Bakaler, A. J., *Engr.,* Atomics International
Bergstreser, N. E., 8432 Hatillo
Broadston, J. A., *Mgr.,* Prop. Field Lab., Rockeldyne Div., North Amer. Inc.

Carmel

Fletcher, L. J., *VicePres.(Retired),* Caterpillar Tractor Company

Chico

Chico State College

Amer, S. H., *Assoc.P.E.E.*
Brown, F. J., *Asst.P.M.E.*
Curtis, C. A., *Assoc.P.M.E.*
Enfield, J. W., *Asst.P.Engr.*
Freemyers, R. L., *Asst.P.E.*
Johnson, E. B., *Assoc.P.C.E.*
Langdon, H. F., *Chmn.Div.App.Arts&S.*
Reyhner, T. O., *P.&Act.Hd.C.E.*
Secor, K. E., *Inst.E.*

Chowchilla

Higgins, F. V., Box 44

Claremont

Harvey Mudd College

Davenport, W. H., *P.English;Chm.Human.*

Coalinga

Coaglinga Junior College

Grubb, G. C., Jr., *Inst.Engr.*

Compton

Compton College
Kahlert, C. G., *Inst.Eng.*

Concord

Diablo Valley College
Harris, H. E., *Inst.E.&Math.*

Corona

Lowe, C. B., 720 West 6th Street

Costa Mesa

Orange Coast College
Fisk, E. R., *Inst.&Engr.*
Lewis, C. H., *Chr.Div.Sc.&Math.*

Culver City

Curl, G. W., *StaffEngr.*, Micro Gee Products, Inc.
Wohlgemuth, R. W., *Inst.Physics&Chem.*, C.C.H.S., Trade Tech. Jr. Col.

Hughes Aircraft Co.
Feigen, M., *Hd., Launcher Inst. Sec. Des. Integration*
Gillespie, S. L., *Head Ad. Sci. Educ.*
Lutz, S. G., *Hd.,Communic&MiniaturizationDept.*, Weapons Sys. Dev. Lab.
Miller, J. T., *Mech.Engr.,Sys.Eng.*
Russell, R. M., *V.P.*
Silvern, L. C., *Personnel*
Trautman, D. L., Jr., *Res.Phys.*
Tsao, C. H., Guided Missile Div.

Dana Point

Finch, F. R., *P.E.Dr.Emer.*, 33801 Chula Vista Ave.

Davis

Domonoske, A. B., *Ret.M.E.*, 207 E. 8th St.

University of California
Akesson, N. B., *Assoc.P.Agr.E.*
Bainer, R., *P.&H.Ag.E.*
Christiansen, J. E., *Vis.P.C.E.*
Guillou, R., *Assoc.Spec.,Agr.Eng.*
Hall, W. A., *Asst.P.Irrig.*
Henderson, S. M., *Assoc.P.Ag.E.*
Kepner, R. A., *P.Agr.E.*
Lamouria, L. H., *Assoc.P.Agr.E.*
McKillop, A. A., *Asst.P.,Agric.E.*
Stewart, A. E., *Grad.Stud.Agr.E.*
Yates, W. E., *Asst.P.Agric.E.*

Del Mar

Ross, F. W., *Ch. of Aero.&Flight Mech.*, Solar Aircraft Co.

Downey

North American Aviation
Acker, D. D., *StaffEngr.*, Autonetics
Bacha, C. P., *Sr.Res.Engr.*
Faulders, C. R., *Res.Spec.*
Nichols, K. V., *Sr.Res.Engr.*

El Camino

El Camino College
Beleal, A. P., *Inst.Eng.*
DeSpain, W. J., *Instr.Engr.*
Mitchell, Clyde E., *Asst.Dir.Inst.*
Moehlman, J. H., *Inst.Engr.*
Smith, W. H., *Asst.Dir.StudentPers.*
Yez, M. S., *P.Engr.*

El Cerrito

Cox, L. E., 828 Galvin Dr.

El Segundo

Haas, W. M. B., *Engr.*, Douglas Aircraft Co.

Emeryville

Ries, H. C., *Eng.*, Shell Develop. Co.

Fresno

Fresno State College
Belman, B. I., *Inst.Eng.Graphics*
Cehrs, C. H., *Assoc.P.&Chmn.E.*
Kulhan, E. F., *Asst.P.C.E.*
Wheaton, H. H., *DeanArts&Sci.*

Fullerton

North American Aviation
Hart, M. T., *Supv.,Eng.Train.*

Glendale

Corcoran, W. H., *VP.Sci.Dir.*, Don Baxter, Inc.

Goleta

Northrop Aircraft
Bobco, R. P., *Engr.Environ.Control.*
Darden, T. F., *Adm.,Ind.Train.Adm.*
Gosman, A. L.

Hawthorne

Mealy, D. F., Nortronics, A Division of Northrop Aircraft Inc.

Inglewood

Northrop Aero. Inst.
Bent, R. D., *Coord.Tr.*
Filson, H. R., *Train.Dir.*
Hartley, H. W., *Asst.Dir.*
McKinley, J. L., *Mg.Dir.*
Reid, C. T., *Dir.Eng.*
Strite, K. L., *Asst.Dir.Engr.Train.*

Kentfield

College of Marin
Cherry, C. E., *Head.Eng.*
Howe, W. W., *Inst.E.*

La Habra

Tower, M. E., 370 Avocado Crest Rd.

La Mesa

Foster, R. C., Box 903

Lancaster

Nunn, W. R., *Chm.Math.&Engr.*, Antelope Valley College

Long Beach

Long Beach State College
Black, L. T., *Inst.Math.*
Farrell, M. B., *Inst.Math.*
Kundis, L. E., *Asst.P.Engr.*
Neidenbard, C. A., *Assoc.P.E.*
Nielsen, H. P., *P. Engr.*
Peters, S. E., *Inst.Math.&Engr.*
Vivian, R. E., *Hd.Engr.*

Los Altos

Plehn, B., *Cons.CivilEngr.*, 22415 Starling Dr.

Los Angeles

Backer, G. H., *CollegeRel.Repr.*, Space Tech. Labs.
Curtiss, A. N., *Genl.Mgr.*, West Coast Electronic Prod., R.C.A.
Elconin, V., *Dn.Engr.*, West Coast Univ.
Ferry, A. L., *Mgr.*, A. Lietz Co.
Greenfield, M. L., *MemberofTech.Staff*, Space Tech. Lab.
Haight, F. M., *Inst.Engr.*, Pierce Junior College
Joyce, A. R., 7101 W. 80th St.
Morris, E. W., *Mgr.,Engrg.Div.*, Westinghouse Electric Corp.
Morris, S. B., Dept. Water & Power
O'Sullivan, J. J., *Engineer*, Rand Corporation
Roper, K. H., *Capt.*, A. F. Ballistic Missile Div.

AiResearch Mfg. Co.

Clifford, W. E., *Eng.Pers.Man.*
Larsen, L. W., *TrainingCoordinator,Pers*

North American Aviation

Chase, E. C., *Des.Engr.,Res.Des.Dept.*
Liming, R. A., *Supv.Engr.*
Suer, H. S., *Sr.Engr.*

Ramo-Wooldridge Corp.

Burnett, J. R., *Assoc.Mgr.,Comp.&Contr.*
Coburn, T., *Univ.Rel.&Recruit.*
Cohn, C. R., *Tech.Staff.Commun.*
Johnson, R. C., *Sys.Engr.*
Luecht, J. W., *GuidedMissileResearch*
McIlvaine, W. D.
Pyke, D. L., *Hd.,Tech.StaffPlace.*
Stout, T. M., *Mgr.Proc.Appl.*

East Los Angeles Jr. College

Cipriano, W., *Instr.Engrg.*
Guse, C. E., *Coord.*
Holman, L. W., *Inst.Arch.E.*

Los Angeles State College

Andres, A. J., *Asst.P.Eng.*
Cromwell, L., *P.&Hd.Eng.*
Fetty, H., *Chm.Tech.Sci.*
Giroux, V. A., *Asst.P.Engr.*
Mann, G. E., *Asst.P.Engr.*
Plumtree, W. G., *Asst.P.*
Reisman, A., *Asst.P.E.*
Risse, R. F., *Asst.Prof.E.*
Schug, H. L., *Asst.P.E.E.*
Storch, H., *Asst.P.E.*
Zall, P. M., *Asst.Prof.English*

Los Angeles City College

Bissiri, A., Jr., *Inst.E.*
Eller, A. L., *Inst.E.*
Hall, S. R., *Inst.Engr.*
Lennox, W. R., *Inst.Engr.*
Martin, B. W., *Inst.Gen.E.*

University of California

Allen, S. C., *Assoc.P.*
Ambrosio, A., *Lec.&Asst.Res.Eng.*
Balner, R., *Asst.DeanEng.*
Barnes, R. M., *P.Eng.&Prod.Mgmt.*
Beckman, B., *Adm.Asst.*
Beggs, J. S., *P.Engr.*
Boehnlein, C. T., *P.E.*
Boelter, L. M. K., *DeanEngr.*
Bollay, W., *VisitingP.Engrg.*
Brenner, R., *Assoc.E.*
Buchberg, H., *Assoc.Prof.Eng.*
Bush, A. F., *Assoc.P.E.*
Bussell, B., *Assoc.Res.Engr.*
Campbell, B., *Assoc.P.E.*
Case, H. W., *P.E.&Psych.*
Coleman, E. P., *P.E.*
Daus, P. H., *P.Math.*
Dillon, J. C., *H.Eng.Ext.*
Dorsey, E. E., *Asst.Engr.*
Duke, C. M., *P.&Assoc.Dn.*
English, J. M., *Assoc.P.E.*
Freberg, C. R., *P.&H.M.E.*
Froula, H. C., Jr., *Lec.E.*
Gerlough, D. L., *Assoc.P.E.*
Grandt, L. L., *P.E.*
Hall, W. A., *Asst.DeanUndergrad.Stud.; Assoc.P.E.*
Hassler, G. L., *Lec.Engr.*
Hershbarger, W. D., *P.E.E.*
Hicks, T. E., *Assoc.P.Engr.*
Huffman, J. R., *Lec.Eng.*
Hunt, G. H., *Asst.P.Ap.Math.*
Hurty, W. C., *P.E.*
Inman, R. M., *Asst.Engr.*
Isherwood, J. D., *Asst. P. Engr.*
King, E. F., *Assoc.P.E.*
King, W. J., *P.Eng.*
Knapp, W. J., *P.Eng.*
Knight, L. J., *Lect.E.*
Lin, T. H., *P.Eng.*
Lyman, J., *Assoc.P.Engr.&Psychol.*
Mahlmeister, J. E., *Lec.Eng.*
Manildi, J. F., *P.Eng.*
Mason, W. E., *P.Eng.*
Mathewson, J. H., *P.Eng.*
McCutchan, J. W., *Assoc.P.E.*
Mellinger, R. L., *Asst.Res.Soc.*
O'Brien, P. F., *Lec.&Asst.E.*
O'Neill, R. R., *P.&Asst.Dn.Engr.*
Orr, W. L., *Prof.,Asst.Dean*
Parker, R. N., *Assoc.inEng.*
Paskusz, G. F., *Assoc.Engrg*
Perry, R. L., *P.Agric.E.*
Pipes, L. A., *P.E.*
Platton, I., *Assoc.Engr.*
Powell, A., *Assoc.P.AeroE.*
Rex, J., *Lec.E.*
Richardson, N. A., *Asst.E.*
Rosenstein, A. P., *Lec.*
Rosenthal, D., *P.Eng.*
Sanders, V. D., *Asst.Eng.*
Seyer, W. F., *P.E.*
Simpson, C. E., *Adm.Asst.*
Smith, W. H., *Asst.Dir.Stud.Pers.;Inst. Desc.Geom.*
Tauxe, G. J., *Lec.Eng.*
Tribus, M., *Assoc.P.E.*
Trautman, D. L., Jr., *Assoc.P.Eng.*
Van Vorst, W. D., *Assoc.P.Eng.*
Zizicas, G. A., *Assoc.P.Eng.*

Loyola University

Battocletti, J. H., *Assoc.P.E.E.*
Cook, W. H., *Asst.P.C.E.*
Moss, H. R., *Assoc.P.Ch.E.*
Reilly, J. J., *Asst.P.Physics*
Sakaly, J. E., *Asst.P.M.E.*
Werts, C., *Asst.P.Phys.*
Whelan, D. E., *DeanEngr.*
Wierzbicki, L. J., *P.E.*

University of Southern California

Arnell, W. J., *Inst.Eng.*
Bailin, L. L., *P.E.E.*
Beeson, C. M., *P.&H.Pet.E.*
Beroza, P. P., *Assoc.P.E.E.*
Butler, S. S., *Assoc.P.C.&Gen.E.*
Chilingar, G. V., *Asst.Prof. G. E.*
Conley, H. G., *Assoc.P.C.E.*
Eyre, T. T., *P.M.E.Em.*
Freberg, C. R., *P.&Hd.M.E.*
Gershun, T. L., *Assoc.P.M.E.*
Grant, H. H., *P.&H.Ind.E.*
Hall, H. L., *Assoc.P.Ind.Mngt.*
Hansen, A., *Assoc.P.G.E.*
Harness, G. T., *Assoc.Dean Eng.&P.E.E.*
Howatt, C. T., *Inst.M.E.*
Leutwiler, L. W., *P.M.E.*
Lewis, R. C., *Assoc.P.E.E.*
Lockhart, F. J., *P.&Hd.Ch.E.*
Loeb, S., *Assoc.inEngr.*
Mannes, R. L., *Assoc.Prof.M.E.*

Mers, R. C., *P.C.E.*
Miller, J. L., *Asst.P.E.E.*
Perkowski, N., *Asst.P.Ind.E.*
Rebert, C. J., *Asst.Prof.Ch.E.*
Reynolds, K. C., *P.C.E.&H.G.E.*
Robbins, L. J., *Lect.I.E.*
Schneider, R. R., *Asst.P.C.E.*
Schruben, L. R., *Assoc.P.Gen.E.*
Siegel, M. J., *Assoc.P.M.E.*
Springer, E. K., *P.M.E.*
Stewart, J. L., *Assoc.P.E.E.*
van Wingen, N., *P.Petrol.Engr.*
Vernon, J. B., *Assoc.P.M.E.*
Wilson, D. M., *P.&H.C.E.*
Winchell, R., *Asst.P.E.E.*

Lynwood

Compton College
Kahlert, C. G., *P.E.Draw.*

Menlo Park

Menlo College
Pomeroy, G. A., *Inst.Physics*

Stanford Research Institute
Burgess, John C., *Mech. Engr.*
Hermes, R. M., *HeadBasicSci.Group,* Control Systems Lab.

Modesto

Johnson, F. M., *Consult.Engr.*

Modesto Junior College
Osner, H. J., *Instr.Math.&Eng.*
Pierce, J. E., *Ch.Math.&Eng.*
Waymack, R. W., *E.*

Monrovia

Vallender, S. C., *Pers.Mgr.,* Minneapolis-Honeywell Reg. Co.

Monterey

U. S. Naval Postgraduate School
Brock, J. E., *P.M.E.*
Church, R., *P.&Chmn.Math.&Mech.*
Coonan, F. L., *P.&H.Met.&Chem.*
Faires, V. M., *P.M.E.*
Frey, A. R., *P.&H.Physics*
Giet, G. R., *Chmn.Electronics*
Glasgow, R. S., *Dean*
Higgins, G. J., *P.Aero.*
Houston, R. K., *P.E.E.*
Kavanaugh, D., *P.M.E.*
Kiefer, P. J., *Sr.P.Emer.M.E.*
King, C. D. G., *Assoc.P.M.E.*
Kinney, G. F., *P.Ch.E.*
LaCauza, F. E., *Acad.Chm.*
Myers, H. L., *Asst.P.E.E.&Math.*
Murphy, T. C., *Dir.,Engr.Mgt.Div.*
Newton, R. E., *P.&Chr.M.E.*
Norris, W. E., *Assoc.P.Electr.*
Oberbeck, T. E., *P.Math.&Mech.*
Oler, C. B., *P.E.E.*
Pierce, J. P., *Assoc.P.Math.*
Polk, O. H., *P.E.E.*
Prowell, R. W., *Mach.Des.Mech.&Mat.*
Root, R. E., *P.Emer.Math.&Mech.*
Rothauge, C. H., *P.E.E.*
Smith, W. C., *P.E.E.*
Strum, R. D., *Asst.P.E.E.*
Terwilliger, C. O., *P.H.E.E.*
Thaler, G. J., *P.E.E.*
Vivell, A. E., *P.E.E.*
Wheeler, R. C. H., *P.E.E.*
Wright, H. H., *P.M.E.*

Monterey Park

Plumtree, W. G., 220 E. Graves Ave.

Mount Hamilton

Ludden, D. J., *Engr.,* Lick Observatory

Mountain View

Sylvania Electric Co.
Ferguson, S. A., *Mgr.*

North Hollywood

Bendix Aviation Corporation
Russell, R. M., *Chf.Engr.,Res.Div.*

Oakland

Hirsch, F., *Chf.Engr.,* Malsbary Mfg. Co.
Lewis, R. S., P. O. 1514

Oakland City College
Clifford, L. E., *Chm.E.*

Palo Alto

Casberg, C. H., 2274 Tasso St.
Edson, W. A., *Cons.Engr.,* G. E. Microwave Lab.
Ensign, N. E., *P.Emer.Th.&Appl.Mech.,* U. of Ill., 727 Oregon Ave.
Freeman, J., *Ind.ManagementCons.,* 2316 Greer Rd.
Haning, J. O., *ProjectEngr.,* Admiral Corp.
Heinlein, R. I., 860 Seale Ave.
Lockwood, R. M., *Res.E.,* Propulsion Dept., Adv. Res. Div., Hiller Helicopters

Lockheed Aircraft Corp.
Brush, D. O., *Group Engr.*
Jenkins, J., *StaffSci.,MissilesDiv.*
Prian, V. D., *StaffEngr.*
Spitzer, C. F., *Mgr.,SolidStateElectr.*
Taulbee, P. L., *StaffSci.,MissilesDiv.*

Pasadena

Bell, J. M., *Soils Engr.,* Converse Foundation Engr.
Galuzevski, R. A., 960 N. El Molino Ave.
Simmons, E. E., *Cons.Engr.*
Varney, W. R., *MetallurgicalEngineer,* 438 S. Meredith Ave.
Vaughan, F. E., *Sr.Part.,* V. & E. Mfg. Co.
Wagner, W. O., Partner, W. O. Wagner, & Assoc., *Consult.Engr.*

Hycon Manufacturing Company
Gehrig, A. G., *M.Des.E.*

California Institute of Technology
Arenz, R. J., *Grad.Stud.Aero.*
Bacher, R. F., *Chm.Phys.Math.&Astr.*
Clark, D. S., *P.M.E.;Dir.Place.*
Corcoran, W. H., *P.Ch.E.*
Crede, C. E., *Assoc.P.M.E.,*
Field, L. M., *P.E.E.*
Hollander, A., *P.Emer.M.E.*
Housner, G. W., *P.C.E.*
Hudson, D. E., *P.M.E.*
Ingersoll, A. C., *Assoc.P.C.E.*
Lacey, W. N., *P.Ch.E.*
Lindvall, F. C., *Ch.Eng.Div.*
Lurie, H., *Assoc.P.Appl.Mech.*
McCann, G. D., *P.E.E.*
McCormick, C. W., Jr., *Assoc.P.C.E.*
McKee, J. E., *P.San.Eng.*
McPherson, J. I., *DevelopmentEngr.*
Miklowitz, J., *Assoc.P.Appl.Engr.Mechs.*
Sorensen, R. W., *P.Emer.E.E.*
Taylor, R. H., *Grad.Stud.C.E.*
Wallace, A. E., *Sr.Res.Engr.*
Wayland, J. H., *P.Applied Mech.*

Pasadena City College

Armantrout, G. E., *Eng.Tech.*
Gehrig, A. G., *Asst.P.C.E.*
Moses, R. G., *ChairmanEngr.&Tech.*

Pasadena City Schools

Glenn, W. H., *Asst.Coord.*

Pittsburg

Lundeen, R. W., *Mgr.*, Planning Dept., The Dow Chemical Co.

Pleasanton

Bennett, R. D., *Mgr.*, G. E. Vallecitos Atomic Lab.

Point Mugu

Ott, P. W., *Staff*, Naval Missile Test Center

Pomona

California State Polytechnic College

Adamson, R. W., *Assoc.P.M.E.*
Bowden, F. W., *Hd.E.E.*
Campbell, J. S., *P.E.E.*,
Fryberger, E. L., *Inst.E.E.*
Gustafson, L. W., *Hd.Aero.*
Herald, C. A., *Asst.P.ElectronicE.*
Knott, C. E., *Asst.Dean*
Osteyee, L. F., *M.E.*
Reynolds, R. W., *Assoc.P.&Chm.Eng.Draw.*
Skamser, H. P., *Dn.Engr.*
Wills, J. R., *Asst.P.ElectronicE.*
Wolf, H. K., *Assoc.P.Electr.*

Port Hueneme

Jensen, R. C., *Off.Charge*, C. E. Corps Off. Sch., Naval Const. Batt. Center
Simpson, W. M., *Hd.Res.*, U.S.N. Civil Eng. & Eval. Lab.

Rancho Cordova

Jendrynski, H. J., *Dev.Engr.*, Aerojet-General Corp.

Redlands

University of Redlands

Gleason, P. R., *P.Phys.*

Redondo Beach

Sampson, R. W., 388 Paseode Gracia

Redwood City

Lansing, N. F., *Hd.Res.Reactors*, American Standard-Atomic Energy Div.
Siegfried, Victor, *Chf.Engr.*, Sequoia Wire & Cable Co.

Reedley

Reedley College

Renoud, H. R., *Hd.Engr.*

Richmond

McGauhey, P. H., *P.Sanit.Engr.*, University of California
Watson, H. M., *RadioEngr.*, City of Richmond

Riverside

Denham, P. R., *Inst.Engr.&Phys.*, Riverside City College
Hardy, J., 6197 Palm Ave.
Kelsey, E., 3439 Mono Drive

Sacramento

Marco, H. F.
Zengel, J. F. P., *Physicist*, U.S.A.F., 2651 Ione St.

Sacramento Junior College

Lillie, J., *Inst.E.*

State College

Castellan, N. J., *Assoc.P.C.E.*
Drown, C. H., *Assoc.P.Engr.*
Weinberg, E. B., *Hd.Engr.*

Salinas

Hartnell College

Bullis, W. R., *Inst.G.E.*

San Bernardino

San Bernardino Valley College

Heath, E. B., *Chm.,Eng.&Tech.Tr.*

San Carlos

Seymour, A. M., *Mgr.Tech.Serv.Dept.*, Lenkurt Electric Co.

San Diego

Clayton, L. A., *Proj.Engr.*, Boyle Engineering
Creutz, E. C., *Dir.Lab.Pure&Appl.Sci.*, Gen. Atomic Div., General Dynamics Corp.
Sardella, J. E., *Inst.Draft.(Chm.)*, San Diego Junior College
Scott, J. E., *Phys.*, U. S. N. Electronics Lab.

Convair Division, General Dynamics Corp.

Linnell, R. D., *StaffSci.Sci.Res.Lab.*
Schart, W. J., *Chf.Comput.Labs.*
Starr, M. O., *StandardEngr.*
Varner, W. W., *Hd.FlightSimul.Lab& Comput.*

San Diego State College

Bilterman, H. L., *Inst.Engr.*
Capp, M. P., *Ch.C.E.*
Lodge, C. R., *Assoc.P.Engr.*
Mack, R. J., *Inst.E.*
Mann, R. L., *Asst.P.E.*
Morgan, C., *P.Engrg.*
Quiett, F. T., *Asst.P.E.*
Rao, M. V. R., *Asst.P.Engr.*
Robinson, D. H., *Chrmn.Div.PhysicalSc.*
Stone, H. L., *Assoc.P.E.*
Stone, S. H., *Assoc.P.C.E.*
Walling, C. R., *P.Engr.*

San Francisco

Benjamin, J. C., *Sr.ProfessionalEmploy. Repr.*, Standard Oil Co. of Calif.
Bergelin, O. P., APO 74, Box DAC, PM
Bush, B. H., *Comm.*, San Francisco Naval Shipyards
Dabney, W. H., U. S. Army Map Suc FE (8055 APO, 500.)
Dere, J. R., P.O. Box 3529 Rincow Annex
Estcourt, V. F., *Gen.Supt.*
Etemad, G. A., 1519 21st Ave.
Ettinger, R. P., Jr., *Eng.Editor,Pres.*, Wadsworth Publishing Co.
Freel, W. I., Chief Advisor, APO 63
Hobgood, A. A., *Asst.P.Lang.Arts.*
Holmes, J. B., *Reg.Mgr.*, General Electric Co.
Miles, H. J., *Supr.C.E.*, International Engr. Co.
Price, R. N., UNC–OEC, APO 301
Shannon, S. S., *Publ.Rep.*, Inter. Tex. Co.
Tilles, A., *E.Engr.*, R. E. Thomas & Assoc.

Tucker, W. H., Army Section Artillery School, APO 63, Unit 4
Weysser, J. L. G., USOM/P U.S. Embassy, APO 74, Box K, c/o Postmaster

Bechtel Corp.

Blair, S. R.
Donahey, M. H.
Fisk, E. R.

Cogswell Polytechnical College

Case, L. N., *V.P.&Dean of Men*
Dodd, R. W., *Pres,Em.*
Feldman, M. J., *Coord.*
Smith, E. W., *Pres.*

Heald Engineering College

Sanner, W. E., *Head,Eng.&Arch.*

San Francisco City College

Aggeler, C. J., *Inst.E.*
Chapman, J. E., *Inst.Engr.*
Edmison, H. R., *Inst.E.*
Edstrom, A. E., *Inst.Eng.&Arch.*
Hallock, J. I., *Inst.Eng.*
Mayo, W. K., *Chm.Eng.*
Messer, S., *Inst.Eng.*
Rogers, E. D., *Inst.E.Physics*
Schon, J. E., *Inst.E.*
Tripp, A. L., *Instr.Engr.*

San Jose

Haughton, K. E., IBM Corp.

General Electric Co.

Bailey, J. A., *Des.Engr.,PowerReatorEng.*, Atomic Power Equipment Dept.
Love, J. E., *SeniorEngineer*, Atomic Power Equipment Department
McCrocklin, A. J., *Sr.Engr.*

San Jose State College

Abou-Taleb, N., *Assoc.P.E.E.*
Anderson, J. H., *P.&Hd.Ch.&Met.E.*
Barriga, J., *Assoc.P.C.E.*
Blair, P. M., *Asst.P.M.E.*
Clothier, R. F., *Assoc.P.Engr.*
Creveling, J. H., *Asst.P.Ind.E.*
Dionne, E. A., *Assoc.P.,Adm.Asst.*
Engwicht, H. M., *P.E.E.*
Glover, E. C., *P.E.E.*
Gunderson, N. O., *P.&Hd.Engr.*
Kaiser, *Assoc.P.E.*
Lorell, W. W., *Assoc.P.E.*
Massey, F. A., Jr., *M.E.*
McGlothlan, J. A., *Asst.P.M.E.*
McLarney, W. J., *Assoc.P.E.*
Rodrigues, A. F., *Asst.P.E.*
Ryan, D. P., *Asst.P.CE.*
Sicular, G. M., *Asst.P.E.*
Venuti, W. J., *Assoc.P.C.E.*
Walte, J. M., *Asst.P.E.*
Weeks, R. W., *Asst.P.E.E.*

San Mateo

Fine, A. K., *Inst.Math.Engr.*, College of San Mateo

San Mateo Junior College

Paulsen, F., *Chm.Math.Engr.*
Pomeroy, G. A., *Inst.Emer.Physics*
Wiens, J. H., *Inst.Ph.Science*

San Pablo

West Contra Costa Junior College

Connelly, D. M., *Inst.Eng.&Arc.*
Fox, J., *Inst.Engr.*

San Rafael

Davis, W. K., V. P., Bechtel Corp.

Santa Barbara

Bollay, W., *Pres.&Tech.Dir.*, Aerophysics Development Corp.
Morley, R. K., *P.Emer.Math.*, 1419 Laguna St.

Santa Clara

University of Santa Clara

Kownacki, S., *Assoc.P.E.E.*
Murray, R. I., *Asst.P.Mechs.*
Parden, R. J., *DeanEng.*
Pefley, R. K., *Assoc.P.&Hd.M.E.*
Sullivan, G. L., *DeanEmer.*

Santa Monica

Brown, J. M., *Pres.*, Structure Specialties, Inc.
Osborne, S., *Mech.Engr.*, Douglas Aircraft Co.

Rand Corp.

Blumenthal, I. S., *Engr.*
Huth, J. H., *Assoc.Engr.*
Reinhardt, G. C., *Engr.*

Santa Rosa

Junior College

Wilcox, J. E., *H.Eng.*

Sherman Oaks

Powell, R. W., 4025 Oakfield Dr., Prof. *Emer.*, Ohio State

Solana Beach

Rickard, C. L., 510 Glencrest Dr.

Stanford

Stanford University

Arnold, J. E., *P.M.E.*
Arnold, F. R., *Assoc.P.M.E.*
Baldwin, L. B., Jr., *Instr.C.E.*
Benjamin, J. R., *Assoc.P.Struc.E.*
Brown, L. H., *P.E.E.*
Brown, W. S., *Act.Asst.P.M.E.*
Edson, W. A., *Cons.P.E.E.*
Eustis, R. H., *Assoc.P.M.E.*
Fondahl, J. W., *Asst.P.C.E.*
Franzini, J. B., *Assoc.P.C.E.*
Goldsmith, A., *Grad.BusinessStudent*
Goodier, J. N., *P.Mech.*
Grant, E. L., *P.Eng.Econ.*
Green, B. M., *P.Emer.Mech.Eng.*
Harman, W. W., *P.E.E.*
Heebink, D. W., *Asst.P.I.E.*
Hoff, N. J., *Hd.Aero.Eng.*
Hoover, W. G., *P.E.E.*
Ireson, W. G., *P.&Exec.Hd.I.E.*
Jacobsen, L. S., *P.&H.M.E.*
Kays, W. M., *P.M.E.*
Kline, S. J., *Assoc.P.M.E.*
Klotter, C., *P.M.E.*
Leppert, G., *Assoc.P.M.E.*
Lieberman, G. J., *Assoc.P.Statis.&I.E.*
Linsley, R. K., *P.&Hd.C.E.*
London, A. L., *P.M.E.*
Luck, L. D., *LecturerinC.E.*
Manucia, H. L., *Grad.St.,M.E.*
Marsden, S. S., Jr., *Assoc.P.Pet.E.*
Miller, O. W.
Niles, A. S., *P.Aero.E.*
Oakford, R. V., *Assoc.P.I.E.*
Oglesby, C. H., *P.C.E.*
Perry, B., *Asst.P.C.E.*
Pettit, J. M., *DeanEng.*
Richards, C. W., *Asst.P.C.E.*
Rowe, A. A., *Asst.P.M.E.*
Skilling, H. H., *P.&Hd.E.E.*
Smith, R. J., *P.E.E.*
Spangenberg, K. R., *P.E.E.*
Terman, F. E., *Provost,P.E.E.*
Timoshenko, S., *P.Em.E.Mechs.*

Tuttle, D. F., *P.E.E.*
Vennard, J. K., *P.FluidMech.*
Williams, H. A., *P.C.E.*
Young, D. H., *P.C.E.*

Stockton

College of Pacific
Diefendorf, A., *DeanEngr.*

Stockton College
Readio, J., *Inst.Engr.*
Remillard, V. P., *Inst.Engr.*
Welch, H. E., *Inst.&H.Drafting*

Sunnyvale

Lockheed Aircraft
Graffius, P. H., *Prof.Repr.*
Peterson, P. W., *GroupLeader*

Temple City
Fox, R. R., *Sr.Struct.Engr.;* Daniel, Mann, Johnson & Mendenhall & Assoc.

Thousand Oaks
Brand, G. E., Box 68

Van Nuys
Mahlmeister, J. E., *Sr.Res.E., Atomics International Div.* North American Aviation
Short, W. C., *Engr.ManpowerControl Repres.,* Lockheed Aircraft Corporation

Marquardt Aircraft
Dutton, R. A., *Engr.Res.*

Valley Jr. College
Deutsch, M. N., *Inst.Eng.*

Venice
Stottlemyer, P. C., *Struct.Eng.*

Ventura

U. S. Navy Air Missile Test Center
Franzel, E. J.
Dewing, M. M., *Dir.Empl.Devel.*

Vernon
Hunterman, H. J., *SeniorEngr.,* Bechtel Corp.

COLORADO

Boulder
Banks, C. W., 1906 13th St.
Crawford, I. C., *Dir.,* Colo. Water Conserv Bd.
Hansen, T. L., 655—11 Street
Weers, W. A., 3320 Martin Dr.

University of Colorado
Allen, J. M., *Asst.P.English*
Arnberg, B. T., *Assoc.P.M.E.*
Aull, C. E., *Inst.Appl.Math.*
Ball, L. D., *Asst.P.Engr.Dr.&Mach.Design*
Bartlett, A. A., *Assoc.P.Phys.*
Bartlett, P. E., *Asst.P.C.E.*
Bauer, F. S., *P.&H.Dr.&M.Des.*
Beck, B. A., *Inst.Eng.Dr.&Des.Geom.*
Bingham, L. A., *P.E.E.*
Birk, W. O., *P.&H.Engl.*
Blake, J. H., *Asst.P.Chm.E.*
Brown, E. L., *Asst.P.E.E.*
Broxon, J. W., *Chmn.Phys.*
Brubaker, W. F., *Assoc.P.Dr.&M.Des.*
Carlson, D. M., *Assoc.P.Arch.*
Chinn, J., *Assoc.P.C.E.*
Christopher, R. A., *Inst.M.E.*
Conner, C. L., *Asst.toDeanEng.*
Crawford, R. H., *Assoc.P.&Hd.E.Dr.&Mach. Des.*
DeLapp, W. W., *P.C.E.*
DePree, J. D., *Inst.Appl.Math.*
Devries, H. B., *Inst.Engr.Engl.*
Dobbins, G. S., *Assoc.P.Dr.*
Downing, R. L., *P.C.E.*
Eckel, C. L., *Dean*
Evans, H. S., *DeanEmeritus*
Flack, J. E., *Asst.P.C.E.*
Gibbons, H. P., *Asst.P.M.E.*
Gless, G. E., *Asst.P.E.E.*
Hanna, W. J., *Assoc.P.E.E.*
Holdredge, R. M., *Inst.M.E.*
Hultquist, P. F., *Asst.P.Appl.Math.*
Hutchinson, C. A., *P.&H.Math.*
Johnson, H. E., *Assoc.P.M.E.*
Nicholls, G. C., *Inst.E.Dr.&Mach.Des.*
Lauer, B. E., *P.&H.Ch.E.*
Maier, G. J., *Asst.P.E.E.*
Menoher, W. L., *Assoc.P.C.E.*
Meyers, E. E., *Visit.Lect.Aero.E.*
Moore, H., *Inst.Appl. Math.*
Mosher, D. R., *Asst.P.M.E.*
Nelson, W. K., *Assoc.P.Math.*
Novak, L. C., *P.C.E.*
Nyland, W. S., *Assoc.P.Engl.*
Oldknow, J. T., *Inst.E.Draw.*
Oliver, R. M., *P.E.Dr.&Mach.Des.*
Palmer, H. B., *P.E.E.*
Parker, V. C., *Sr.Inst.Dr.*
Pearson, S. I., *P.E.E.*
Phillips, D. N., *Inst.Engr.,* Mesa Junior College
Raeder, W., *P.&H.C.E.*
Rathburn, R. E., *P.Arch.E.*
Rautenstraus, R. C., *P.C.E.*
Rutland, L. W., *Assoc.P.Appl.Math.*
Snively, L. C., *Asst.P.Math.*
Spurlock, B. H., *P.M.E.*
Stahl, K. H., *Asst.DeanEng.,&P.Appl.Math.*
Stewart, R. B., *Assoc.P.M.E.*
Thayer, J. R., *Inst.M.E.*
Thompson, P. V., *P.Engl.*
Thompson, R. G., *Inst.Applied Math.*
Tovani, E. P., *Asst.P.Math.*
Tulin, L. G., *Asst.P.C.E.*
Waddell, C. E., *Asst.P.Aero.E.*
Wagner, C. A., *P.M.E.*
Weibel, E. E., *P.M.E.*
West, R. E., *Asst.P.Chem.E.*
Williams, R. J., *Assoc.P.&Chm.M.E.*
Wood, K. D., *P.&Act.Hd.Aero.E.*
Woodsome, F. O., *Assoc.P.M.E.*
Zanboorie, M. H., *Inst.Appl.Math.*

Clifton
Phillips, D. N., *Inst.Engr.,* Mesa Junior College

Denver
Belknap, J. H., 2308 Newport St.
Dubois, J. P., *ManagingEditor,* Design News, Rogers Publishing Co.
Ketchum, M. S., Jr., *Cons.E.*

The Martin Co.
Hearn, E. E., *Empl.Dir.*
Hoffmann, H. K., *Tr.Supv.*

Mountain States Tel. & Tel. Co.
Lindsay, R. W., *VicePres.*

University of Colorado, Extension
Casey, F. J., *Inst.E.Dr.*
Conner, C. L., *Asst.Dn.*

University of Denver
Burnham, M. W., *M.E.*
Chaney, N. H., *Inst.E.E.*
Fisher, R. A., *Assoc.P.Ch.E.*
Fry, F. S., *Assoc.P.M.E.*
Howerton, M. T., *Chmn.Ch.E.*

Knudson, C. M., *Dean*
McClain, F. H., *P.EmeritusE.E.*
Orris, J. R., *Assoc.P.C.E.*
Paige, A. E., *P.&H.E.E.*
Parks, W. H., *Chm.M.E.*
Prien, C. H., *H.Chem.Div.*, Denver Res. Inst.
Sherrill, C. I., III, *PhysicsInstr.*
Van Strien, D. O., *P.&Ch.C.E.*
Wheeler, W. R., *Asst.P.E.E.*

Fort Collins

Scott, V. H., 322 Scott Avenue

Colorado State University

Albertson, M. L., *Dir.ResearchFound.*
Barton, J. R., *Asst.P.C.E.*
Bender, M. E., Jr., *Assoc.P.&Hd.C.E.*
Britton, C. C., *Asst.P.E.E.*
Cermak, J. E., *Assoc.P.C.E.*
Chinberg, C. H., *Asst.P.E.E.*
Clark, A. G., *Dean&P.Math.*
Collins, H. W., *P.C.E.*
Dean, J. E., *P.&H.E.E.*
Dunn, I. S., *Assoc.P.C.E.*
Evans, N. A., *Hd.Agric.E.*
Evans, T. H., *Dean*
Fead, J. W. N., *Assoc. P.C.E.*
Goodman, J. R., *Inst.C.E.*
Graves, W. A., *Asst.P.M.E.*
Hansen, R. W., *Asst.P.Agr.E.*
LaRue, R. D., *Assoc.P.M.E.*
Lindon, P. H., *Assoc.P.E.E.*
Liu, H. K., *Ast.P.C.E.*
Madison, M. L., *Assoc.P.&Chm.Math.*
Mattingly, J. W., *Inst.M.E.*
Mummert, H. B., *Assoc.P.M.E.*
Parshall, M., *Asst.P.C.E.*
Rennat, H. O., *Asst.P.M.E.*
Schweizer, H. H., *Assoc.P.C.E.*
Smith, R. V., *M.E.*
Strate, J. T., *P.&H.M.E.*
Weber, L. R., *P.&H.Phys.*

Golden

Gosman, A. L., 1221 Illinois
Parker, B. H., *VicePres.*, Frontier Refin. Co.

Colorado School of Mines

Armstrong, G. K., *Instructor*, Petroleum Refining
Babcock, H. A., *Asst.P.C.E.*
Bartunek, P. F., *P.Phy.*
Baxter, R. A., *P.Chem.*
Burger, W., *Dean*
Campbell, F. R., *Assoc.P.M.E.*
Chapitis, W. J., *Asst.P.English&Mod.For. Lang.*
Coke, J M., *P.&H.Des.Geom.&Dr.*
Ferrel, E. F., *Asst.P.Chem.*
Fletcher, H. E., *Asst.P.E.E.*
Frush, C. O., *Assoc.P.Min.Eng.*
George, J. M., *Instructor,English*
Haun, J. D., *Asst.P.Geology*
Hunterman, H. J., Jr., *Inst.,C.E.*
Jordan, A. R., *Dn.Grad.Sch.*
Kelly, T. A., *P.C.E.*
Kuhn, T. H., *Dn.Fac.*
Le Marie, G. W., *Assoc.P.Pet.Min.*
Lentz, O. H., *Asst.P.Econ.*
Leroy, L. W., *P.&H.Geo.*
Long, V. A., *P.&Hd.Phys.*
Marshall, S. J., *Inst.E.E.*
Mealy, D. F., *Inst.English*
Nordquist, C. G., *Asst.P.Econ.*
Parkinson, L. J., *P.&Hd.Mining*
Paynter, T. E., *P.E.E.*
Pohrte, T. W., *Asst.P.Phys.*
Preston, R. D., *Assoc.P.C.E.*
Richtmann, W. M., *P.&H.M.E.*
Smiley, F. E., *Asst.P.C.E.*
Vanderwilt, J. W., *Pres.*
Wichmann, A. P., *P.Met.*
Wilcox, V. L., *Librarian*
Williams, J. T., *Assoc.P.Ch.*

Littleton

Gundlach, J. T., 6299 Westview Drive
Wiley, J. B., 33 Fairway Lane

Loveland

Gunder, D. F., *Cons.Engr.*, 463 W. 5th St.

Pueblo

Pueblo Junior College

Cason, J. H., *Hd.Phys.Science&Engr.*
Edwards, W. F., *Inst.Engr.*
Knudson, M. C., *President*
Pope, G. H., *Teach.Engr.&Tech.*

Sterling

Henderson, F. R., *Sci.&Engr.Teach.*, Northeastern Jr. Coll.

USAF Academy

Babits, G. F., *Inst.Mech.&Mat.*
Baxter, W. L., *Assoc.P.Graphics*
Bonanno, F. R., *Inst.Mechs.*
Clementson, G. C., *P.&Hd.Aero.*
Hempstead, J. C., *Assoc.P.Math.*
Higdon, A., *P.&Hd.Mech.*
Long, W. W., *Assoc.P.E.E.*
Lowry, R. M., Jr., *Asst.P.E.E.*
Marvin, F. F., *Asst.P.Mech.*
Oliver, T. K., *Assoc.P.E.E.*
Riedel, J. K., *Inst.Mech.*
Standifer, L. R., *Inst.Mechs.*
Valpey, R. G., *Inst.Mech.*
Wilson, J. V., *P.&Hd.E.E.*
Yarbrough, L. A., *Asst.P.E.E.*

CONNECTICUT

Bridgeport

Kishibay, C. O., *Head,Res.Sec.*, Singer Manufacturing Co.

Bridgeport Engineering Institute

Curran, T. B., *H.Chem.&Met.*
Ettorre, J. E., *Inst.M.E.*
Hall, G. P., *Chmn.M.E.*
Halpern, E., *Coord.I.E.*
Hoffman, L. A., *DeanEmer.*
Ibsen, S. C., *Chmn.Physics&E.E.*
Keating, A. E., *Pres.*
Owens, W. J., *DeanE.*
Perkins, T. M., *Dn.Stud.*
Robinson, J. A., *Secy.*

University of Bridgeport

Berggren, W. P., *DeanEng.*
Hope, H. W., *Asst.P.E.*
Levy, M. J., *Assoc.P.M.E.*
Petrie, R. W., *Assoc.P.E.*

Bristol

Ruley, B., *Supvr.App.Mech.*, General Motors Corp.

Brookfield

Jeffries, R. J., Long Meadow Hill Rd.

East Hartford

Larson, J. L., *Sr.Des.Engr.*, Pratt & Whitney Aircraft

United Aircraft

Hawkes, J. B., *Eng.*
Horner, H. M., *Pres.*

East Windsor Hill

Hartford

Rensselaer Poly. Inst. Grad. Ctr.

Butler, H. W., *P.M.E.*
Campbell, R. G., *P.Aero.E.*
Olsen, L. S., *Assoc.P.*
Onuf, B. E., *P.M.E.*
Phelps, C. W., *Vis.Asst.P.M.E.*
Stoker, W. C., *Dean*

Georgetown

Rossi, B. E., *Editor,* The Welding Journal

Groton

Fuller, L. C., *Engr.,* Nuclear Prop. Plant Proj., Elec. Boat Div., General Dynamics Corp.

Hamden

Hasting, Hudson B., *P.Emer.Econ.*

Hartford

Nerden, J. T., *Chf.,Bur.Tech.Inst.,* Conn. Dept. Educ.

Connecticut State Technical Institute

Juszli, F. L., *Inst.Math.*
Leekoff, D., *Inst.Ind.Tech.*
Pugarelli, S. T., *Inst.Elec.*
Raimondi, T. V., *Dir.*
Robinson, D. C., *Inst.Mech.Tech.*
Waffle, W. M., *Sr.Inst.E.E.*

Hillyer College

Clarke, R. G., *Chmn.E.Div.*
Zerban, A. H., *Dn.*

Trinity College

Blakeslee, T. R., *Assoc.P.Engr.*
Kraft, W. E., *Assoc.P.Engr.*
Lockwood, H. J., *P.E.*
Sapega, A. E., *Asst.P.Engr.*

Ward School of Electronics

Fellows, D. M., *Admin.Dir.*
Lescarbeau, R. F., *Dir.Training*

New Haven

Kolb, R. P., *Mech.Eng.,* Westcott and Mapes, Inc.
Prentice, D. B., *Dir.,* Scientific Research Society of America

New Haven College

Dresser, W. R., *Chm.Engr.*

Yale University

Abrams, J. I., *Asst.P.C.E.*
Ayre, R. S., *P.&Chm.C.E.*
Barker, R. C., *Asst.P.E.E.*
Best, H. W., *Assoc.P.M.E.*
Bretton, R. H., *Assoc.P.Ch.E.*
Clarke, J. G., *Assoc.P.E.E.*
Conrad, A. G., *Chmn.E.E.*
Cross, H., *P.EmeritusC.E.*
Crossley, F. R. E., *Assoc.P.M.E.*
Cunningham, W. J., *P.E.E.*
Dodge, B. F., *P.&H.Ch.E.*
Dudley, S. W., *DeanEmeritus*
Dunham, C. W., *Assoc.P.C.E.*
Eckle, J. N., *Asst.P.Emer.C.E.*
Gray, G. A., *Asst.P.C.E.*
Hall, N. A., *P.&Hd.M.E.*
Holme, T. T., *Chmn.Ind.Admin.*
Huber, M. J., *BureauofHighwayTraffic*
Johnson, R. C., *Asst.P.M.E.*
Keator, F. W., *Assoc.P.M.E.*
Kovarik, A. F., *P.Phys.,Emeritus*
Krauss, H. L., *Assoc.P.E.E.*
Lichty, L. C., *P.M.E.*
Mathewson, C. H., *P.Emer.Metallurgy*
Milligan, W. E., *Assoc.P.Met.*
Olson, D. R., *Assoc.P.M.E.*
Ordung, P. F., *P.E.E.*
Phillips, A., *P.Met.*
Reich, H. J., *P.E.E.*
Robley, G., *Assoc.Dean&Asst.P.C.E.*
Shank, R. R., *Asst.P.E.E.*
Southworth, R. W., *Assoc.P.Ch.E.*
Tallmadge, J. A., Jr., *Asst.P.Ch.E.*
Turner, H. M., *Assoc.P.Emer.E.E.*
Vreeland, R. P., *Assoc.P.C.E.*
Walker, C. A., *P.Ch.E.*
Waters, E. O., *Prof.Emer.M.E.*
Watson, W. W., *Chm.Phys.*
Young, D., *Dean*
Zimmerman, F. J., *Asst.P.M.E.*
Zweig, F., *P.E.E.*

New London

Coast Guard Academy

Henderson, D. B., *Capt.Engr.*
Hoag, J. B., *HeadSc.Dept.*
Lawrence, A. A., *P.Gen.Studies*
Perry, R. J., *P.Chem.*
Rivard, E. P., *Assoc.P.Math.*

Norwalk

Greco, C. S., *Dir.,* State Tech. Inst.

Old Saybrook

Seward, H. L., *P.Emer.M.E.&MarineE.*

Rowayton

Bridgman, D. S., *Cons.,* Pres. Comm. Sci. & Engrs.

South Norwalk

Richmond, A. P., Jr., 36 Elmwood Ave.

Stamford

Ahuja, A. D., *Elec.Engr.,* Electric Specialty Co.
Brooks, W. G., *Dean,* Stamford Branch, Bridgeport Engineering Institute
Buchbinder, H. G., *Vice-Pres.,* Relyea Pub. Co., Ed. "Research & Engineering"
Pattison, R. E., *Mgr.Engr.Educ.,* International Business Machine Co.
Rossell, Eve, 106 Cortlanat Hill St.

American Cyanamid Co.

Walker, S. B., *PatentDept.*

Storrs

University of Connecticut

Asherman, G., *Assoc.P.Ind.Admin.*
Bartholomew, E. L., *P.M.E.*
Brand, R. S., *P.M.E.*
Coogan, C. H., Jr., *P.&H.M.E.*
Crompton, R. H., *Inst.E.E.*
Fisher, D. A., *P.M.E.*
Gadbois, S. E., *Inst.Mechs.*
Gant, E. V., *P.C.E.*
Haas, V. B., Jr., *P.E.E.*
Hilding, W. E., *Assoc.P.M.E.*
Knauss, H. P., *Hd.Physics*
Kochenburger, R. J., *P.E.E.*
Löf, J. L. C., *Assoc.P.E.E.*
Lucal, H. M., *Assoc.P.E.E.*
Melehy, M. A., *Asst.P.E.E.*
Mirsky, A. L., *Asst.P.C.E.*
Moore, E. R., *Inst.M.E.*
Newcomb, B. L., *Asst.P.M.E.*
Sawyer, H. A., Jr., *P.C.E.*
Schultz, C. W., *Assoc.P.E.E.*
Scott, D. E., *Grad.Asst.E.E.*
Scottron, V. E., *P.C.E.*
Stephan, E. R., *Assoc.P.M.E.*
Stephenson, R., *P.NuclearEngr.*
Timoshenko, G. S., *P.&H.E.E.*

Tippy, K. C., *P.&H.C.E.*
Torgersen, H., *DeanEng.;P.E.E.*
Widmer, W. J., *Assoc.P.C.E.*

Stratford

Kroeger, H. R., 480 Harvard Ave.

Torrington

Virtue, B. T., *V.P.*, The Torrington Co.

Wapping

Skaran, T. E., Pine Tree Lane, R.F.D.

Waterbury

Wight, C. L., Jr., *Des.Engr.*, Vickers, Inc.

Westport

O'Dea, J. J., Jr., 8 Hillandale Road

Windsor

Zmola, P. C., *Mgr.Comb.Engr.*

DELAWARE

Newark

Kriegel, W. W., 149 Dallam Road

University of Delaware

Brockenbrough, T. W., *Assoc.P.&Act.Chm. C.E.*
Clark, L. G., *P.M.E.&Act.Dn.*
Clower, J. I., *Asst.DeanEng.*
Estrin, J., *C.E.*
Ferron, J. R., *Asst.P.Ch.E.*
Frey, K. P. H., *P.E.Mech.*
Gerster, J. A., *P.Ch.E.*
Hellerman, H., *Assoc.P.E.E.*
Jackson, R. F., *P.Math.*
Jones, R. W., *Assoc.P.Mech.*
Leonard, R., Jr., *Asst.P.C.E.*
Lindell, W. F., *Assoc.P.M.E.*
Pigford, R. L., *P.&Cmn.Ch.E.*
Rees, C. J., *P.Math.;Provost;DeanofGrad. Studies*
Young, M. G., *P.&H.E.E.*
Zozzora, F. V., *Hd.&P.Engr.Graphics*

Wilmington

Cocke, R. P., 911 N. Rodney St.
Jones, H. L., *SeniorChem.*, Atlas Powder Co.
Weaver, J. B., *Mgr.*, Economic Evaluation, Atlas Powder Co.

E. I. du Pont de Nemours & Co.

Alleman, R. C., *FieldCoord.*
Andrews, G. O., *Asst.Dir.Emp.Rel.*
Bartkus, E. P., *Gen.Dir.*
Brown, I. D., *BusinessMethodsAnalyst*
Burton, R. E., *Mgr.,ControlDiv.*
Chilton, T. H., *Tech.Dir.Eng.Dept.*
Cooper, C. M., *Dir.,Engrg.Res.Lab.*
Dechant, W. G., *Elec.Engr.*
Donovan, T. J., *Pers.Rep.Eng.Dept.*
Emerson, R. A., *Ind.Rel.Sup.*
Estrin, J., *Chem.Engr.*
Evans, C. H., *SeniorConsultant-Engr.Dept.*
Harris, L. J., *Asst.toMgr.&Ind.Rels.Div.*
Hartford, A. F., *Pers.Ref.*
Hill, C. B., Jr., *Supv.Employ.&Train.*, Organic Chem. Dept., Jackson Lab.
Meixner, H. N., *DeputyDir.;Mech.Dev.Lab.*
Miller, H. M., *Mgr.Pers.Rel.Sec.*
Miller, M. L., *Pers.Repr.Eng.Dept.*
Moulton, J. B., *Pers.Supv.*
Redd, W. M., *Eng.Dept.*
Rinehart, H. W., *Mgr.Per.Res.Div.*
Scott, S. L., *PlacementRepr.Emp.Rel.Dept.*
Soslowski, T. P., *Elec.Eng.Des.*
Taylor, B. M., *Mgr.Pers.Sect.*

DISTRICT OF COLUMBIA

Washington

Adams, A. S., *Pres.*, Am. Council on Edu.
Antel, J. S., *E.E.*, Diamond Ordnance Fuze Lab.
Antzes, H. L., *Ord.E.*, U. S. Gun Factory
Chandiramani, A. B., *Educ.Attache*, Embassy of India
Clements, S. E., *Dep.Dir.*, Plan. Div. Off., Asst. Sec. Defense
Distler, T. A., *Ex.Dir.*, Association of American Colleges
Felker, F. M., Nat'l Res. Council
Ferguson, E. S., *Curator*, Smithsonian Inst.
Flanakin, H. A. M., *Hwy.Eng.*, Am. Trucking Assoc.
Gallogly, H. P., Sr., *CivilEng.*, 3800 18th St., N.E.
Goldstein, H., *Chief,OutlookBranch*, Labor Dept.
Greeley, C. E., *Engr.*, Jansky & Bailey, Inc.
Gregory, F. A., *Asst.Super.*, Ind. Ed. Dept., Public Schools of D. C.
Groggins, P. H., *Chem.Engr.*, Food Machinery & Chemical Corporation
Harder, K. C., *Hd.ScienceEd.*, Naval Research Office
Harrington, M. C., *Hd.,Fl.Dyn.Br.*, Taylor Model Basin
Haynes, H. A., *DeputySup.*, Pub. Schls.
Heiman, D. W., *Asst.Chief.Eng.Mil.Sup.*, U. S. Army
Hicks, D. R., *Personnel*, Bureau Reclamation
Horne, P. S., *Chief*, Scientific Educ. Div.
Hunt, L. W., *Div.Hd.QualityControl*, U. S. Naval Powder Factory
Johnson, H. O., *Asst.Prog.Devel.*, Bureau of Navy Personnel
Kloeffler, R. G., 4201 Mass. Ave., NW., Apt. 2067W
Lehman, L. G., *Elec.Desn.Eng.*, U. S. Navy Dept.
McEnge, W., USOM-Baghdad, Iraq., c/o State Dept. Mail Room, Wash. 25
Meyerhoff, H. A., *Exec.Dir.*, Scientific Manpower Comm.
Michael, B., *ChiefScientificPers.*, U. S. Dept. of Labor
Miller, P. F., *Prof.Engr.,Constr.Div.*, USAF
Moesel, F. C., *Proj.Engr.*, U. S. Atomic Energy Commission
Mullen, C., *Treas.*, Holy Name College
Palmer, A. I., Jr., *PatentEngr.,PatentSec.*, General Motors Corp.
Payne, W. H., Jr., *Supv.Dir.Ind.ArtsEd.*, D. C. Board of Ed.
Pierce, G. O., *Asst.Chf.*, Dept. Public Health
Pride, J. M., *Spec.Asst.Ch.Tr.&Dev.Div.*, Dept. of Army
Reed, F. J., 1346 Conn. Ave., N.W.
Rooney, W. R., *Chief.Sci.Edu.*, Nat'l Security Agency
Schoenherr, Karl E., 7053 Western Ave., N.W.
Sherman, W. R., *Comd.*, USNR
Sollenberger, R. C., *Ex.V.P.*, Conveyor Equipment Mfgrs. Association
Stanley, R. L., *Exec.Sec.*, Diesel Engine Mfg. Assoc.
Swofford, R. P., Jr., *Dir.Res.&Dev.*, Hdq. U. S. Air Force
Twiss, F. E., *E.Edvisor*, Assoc. Gen. Cont. America, Inc.
Vittucci, R. V., *StandardizationPlanning Engineer*, Department of Navy, Bureau of Ships

American Inst. of Architects

Taylor, W. A., *Dir.Ed.&Res.*

Capitol Radio Eng. Inst.

Evans, J. P., *Lect.,Math.&BasicElec.*
Hurley, C. N., *Inst.*
Jewell, R. M., *Inst.*
Kelley, J. R., *ChiefInst.*, Home Study Div.
Morrisey, J. A., *Supr.Inst.&Dir.Evening School*
Preisman, A., *V.P.Eng.*
Rietzke, E. H., *Pres.*
Sorensen, G. L., *ChiefLab.Inst.*
Tridico, J. J., *Chief Theory Inst.*
Upchurch, L. M., Jr., *Dir.Residence Sch.*

Catholic University of America

Biberstein, F. A., *P.C.E.&Coor.Res.*
Claffey, P. J., *Assoc.P.C.E.*
Cotter, J. B., *Assoc.P.M.E.*
Locraft, T. H., *Hd.,Arch.&Arch.Engr.*
Mannuccia, H., *Asst.P.Arch.*
Marlowe, D. E., *DeanEng.&Arch.;P.M.E.*
McDuffie, G. E., *Asst.P.E.Engr.*
Meister, R., *Asst.P.E.E.*
Mendousse, J. S., *Assoc.P.C.E.*
Michalowicz, J. C., *Assoc.P.&HeadE.E.*
Oehmann, J. C., *Asst.P.C.E.*
Steffens, J., *Assoc.P.C.E.*
Wehner, J. F., *Asst.P.Ch.E.*
Weschler, M. E., *P.M.E.*

Civil Service Commission

Willis, P. A., *E.Examiner.Ret.*

George Washington University

Abraham, G., *LecturerE.E.*
Crafton, P. A., *Assoc.P.M.E.*
Depian, L., *E.E.*
Feiker, F. M., *Dean Emer.*
Frank, E., *ExecutiveOfficerE.E.*
Greeley, C. E., *Assoc.P.M.E.*
Grisamore, N. T., *Assoc.P.E.E.*
Kaye, J., *Assoc.P.E.Admin.*
Mason, M. A., *Dean*
Murdaugh, A. C., *Asst.P.M.E.*
Rubin, L. A., *Instr.E.E.*
Walther, C. H., *P.C.E.*
Weaver, G. C., *Assoc.P.M.E.*

Howard University

Auzenne, G., Jr., *P.Bus.Adm.*
Daniels, W. T., *P.C.E.*
Davis, S. S., *P.Mech.Eng.*
Douglass, M. M., *Inst.C.E.*
Downing, L. K., *Dean&P.C.E*
Fry, L. E., *P.Arch.*
Howard, D. E., *P.&H.M.E.*
Jones, R. M., *Assoc.P.C.E.*
Keith, K. K., *Inst.Arch.*
Mills, N. D., *Inst.E.E.*
Moore, A. F., *Inst.M.E.*
Purnell, L. J., *P.E.E.*
Rich, L. I., *Asst.P.M.E.*
Richmond, A. E., *P.&Hd.C.E.*
Sherman, W. K., *Assoc.P.E.E.*
Steele, F. W., *Assoc.P.C.E.*
Strain, B. P., Jr., *Inst.C.E.*
Webster, J. C., *Assoc.,P.E.E.*
Welch, E. R., *P.&H.E.E.*

McKinley High School

Jewell, A. D., *Asst.,Principal*

National Bureau of Standards

Bardsley, C. E., *Hyd.Eng.*
Hilsenrath, J., *Ed.Adv.*
Mason, H. L., *Supr.G.Engr.*, Data Processing Sys.
Sherlin, G. C., *Hydr.E.*
Smith, E. B., *M.E.*, Ord. Fuse Lab.

National Science Foundation

Cain, R. W., *Proj.Dir.Sci.Manpower*
Dees, B. C., *Dep.Asst.Dir.*
Foncannon, H. F., *SpecialAsst.*, Div. of Scientific Pers. and Educ.
Picha, K. G. *Engineer*
Seeger, Raymond J., *Asst.Dir.*
Trytten, M. H., *Dir.OfficePersonnel*, National Academy of Sciences

National Society of Professional Engineers

Robbins, P. H., *Exec.Dir.*

Office of Naval Research

Dunn, P. J., *Train.Officer*
Harder, K. C., *Educ.Officer*
Killian, T. J., *Dep.Chf.&Chf.Sci.*

Navy Dept., Bureau of Ordnance

Burington, R. S., *Dir.Eval.&Analy.*
Marschalk, H. E., *Hd.*, Pub.
May, D. C., *Math.*

Naval Research Lab.

Abraham, G., *SolidStatePhysicist* (U. S. Naval Res. Lab)
Bush, B. H., *Commander*
Hanrahan, D. J., *Aero.Res.Engr.*
Harms, J., *Pers. Off.*
Smith, R. C.

U. S. Bureau of Public Roads

Winfrey, R., *Chf.,HighwayNeeds&Econ.Div.*

U. S. Information Center

Labanauskas, P. J., *Editor,Prod.Dir.*, Voice of America

U. S. Office of Education

Armsby, H. H., *Chf.E.E.*
Hogan, Howard K., *Consultant*
Hunt, L. W., *Educationist*
McIntoch, C. W., *Prog.Off.*

FLORIDA

Clearwater

Walsh, F. W., Greenacres, 2346 Gulf to Bay Blvd.

Coral Gables

Hainlin, A. W., *AlbertW.Hainlin&Assoc. Engrs.*

University of Miami

Anderson, C. E., *P.M.E.*
Andrews, A. H., *Inst.M.E.*
Ballantine, B. D., *Inst.Engr.Dr.*
Branch, J. E., *P.Arch.E.*
Clouse, J. H., *Dn.Emer.*
Flader, F., *Asst.P.Ind.Engr.*
Gill, J. D., *Assoc.P.M.E.*
Hubbell, W., *P.&H.Eng.Dr.*
King, W. B., *Asst.P.M.E.*
Lucas, F. B., *P.&Chm.E.E.*
Lynn, W. R., *Asst.P.C.E.*
Mantell, M. I., *P.&Chm.C.E.*
Marion, C. P., Jr., *Asst.DeanEngr.*
Marron, J. F., *Asst.P.C.E.*
Mathes, S. R., *Assoc.P.E.Dr.*
Oellerich, B. B., *Inst.M.E.*
Olsen, T. G., *Asst.P.M.E.*
Pearson, J. F. W., *President*
Randolph, H. D., *Asst.P.E.E.*
Reeder, M. E., *Asso.P.C.E.*
Sampson, J. P., *Asst.P.Arch.E.*
Sells, J. S., *Assoc.P.E.E.*
Stevens, J. A., *Assoc.P.C.E.*
Weyher, T. A., *DeanEng.*
Zimmerman, W. E., *Asst.P.E.Dr.*

Daytona Beach

Henline, H. H., *Form.Sec.A.I.E.E.*, 3 Pleasant View Circle

Deland

John B. Stetson University

Kelsey, E. L., *Lec.-Cons.Radio-Tel.*

Fort Lauderdale

Gorder, L. O., *Devel.Engr.*, 67 Royal Palm Dr.

Gainesville

Ebaugh, N. C., *Cons.Engr.*
Garrott, W. L., *Engr.*, Sperry Elect. Tube Div.
Goethe, S. P., *Partner*, Ebaugh & Goethe, Consulting Engineers
Poor, R. S., 215 E. Boulevard

University of Florida

Bangs, J. R., *P.Bus.Admin.*
Beisler, W. H., *Ch.E.*
Blekking, E. H., *Inst.Ind.E.*
Burns, J. L., *Inst.I.E.*
Chen, W. H., *Assoc.P.E.E.*
Downey, P. M., *Assoc.P.I.E.*
Edson, C. G., *Assoc.P.Eng.Mechs.*
Ekstrom, R. E., *Res.Assoc.*
Farber, E., *P.M.E.,Res.*
Forsman, M., *Asst.Dir.Eng.&Ind.Exp.Sta.*
Gregg, R., *Lec.Ind.E.*
Griffith, J. E., *Asst.P.E.Mech.*
Grinter, L. E., *Dean,Gr.Sch.*
Hill, C. C., *Assoc.P.Mechs.*
Hoover, J. W., *Hd.P.Aero.Eng.*
Hrubecky, H. F., *Assoc.P.E.Mech.*
Huang, T. C., *Assoc.P.Eng.Mech.*
Huckaba, C. E., *Assoc.P.Chem.E.*
Jacunski, E. W., *Assoc.P.&H.E.Graphics*
Kephart, R. C., *Asst.P.Eng.Graph.*
Kiker, J. E., Jr., *P.C.E.*
Klage, R. W., *Hd.P.C.E.*
Kleinschmidt, A. C., *P.I.E.*
Kopp, E. W., *Asst.DeanEng.*
Kronsbein, J., *M.E.*
Larsen, M. J., *H.&P.E.E.*
Lewis, E. H., *Assoc.P.M.E.*
Martinson, E. P., *P.&H.I.E.*
Nash, W. A., *P.E.Mech.*
Nattress, J. A., *Asst.P.I.E.*
Neff, T. O., *Assoc.P.Eng.Mech.*
Pennington, C. W., *Asst.P.M.E.*
Reed, J. C., *P.&H.M.E.*
Reed, R., Jr., *Assoc.P.I.E.*
Saville, T., *Dir.*, Sciences & Engr. Center Study
Sawyer, W. L., *P.&Hd.E.Mech.*
Schoonmaker, L. E., *Assoc.P.E.E.*
Smith, D. B., *P.C.E.*
Smith, E. F., *Assoc.P.E.E.*
Smith, J. H., *Inst.M.E.*
Stubblebine, A. N., Jr., *Coordinator*
Twigg, J. F., *Graphics*
Vaughn, R. C., *Asst.P.I.E.*
Well, J., *Dean*
Wilcox, D. B., *P.I.E.*
Williams, H. B., *Assoc.P.M.E.*
Williamson, R. C., *Hd.Phy.Dept.*
Zimpfer, W. H., *Assoc.P.C.E.*

Gulf Port

Metzenheim, H. H., 2805—47th St. S.

Lakeland

Florida Southern College

Reinsch, B. P., *P.Math.*

Melbourne Beach

Keuper, J. D., *Gen.Delivery*

Miami

Ludewig, J. W., 3625 North West 12th Terrace

Embry-Riddle Aeronautical Institute

Carlton, L. D., *DeanAdmis.*
Lynn, R. M., *Inst.Engr.Tech.*
McKay, I., *Pres.*
Williams, R. M., *Dir.Eng.Des.*

Naples

Ogburn, S. C., Jr., *Mgmt.Cons.Ind.Res.*, 1422 Galleon Dr.

North Palm Beach

Thomas, W. E., *Supr.Engr.Des.*, Pratt & Whitney Aircraft

Panama City

Rohrman, F. A., *Supt.Sci.ofU.S.NavyMine Defense Lab.*

Pensacola

Riordan, F. S., *AeraSupt.*, The Chemstrand Corp.

Sarasota

Berne-Allen, A., *Chem.Engr.*, 114 N. Washington Dr.
Girvin, H. F., *P.Emer.Eng.Sci.*, 4411 Westwood Lane, Oyster Bay Estates

St. Petersburg

Freeman, L. M., Box 4125
Johnson, A. R., *Emeritus*, 945 Sixth St. N.
Norman, C. A., 221—28th Ave., N.
Norton, P. T., Jr., *Emer.*, 15664 Redington Dr., Redington Beach
Paul, C. E., 130—4th Ave., N.
Peet, J. C., 4710 4th St., S.
Wilson, L. A., *Emeritus*, 5414 Aloha Dr.

Tallahassee

Florida State University

Kumpe, E. F., *Inst.Engr.Sc.*
Plant, J. M., *Asst.P.Math.*

Tampa

University of Tampa

Bignell, J. F., *P.&Hd.E.Dr.*

Tarpon Springs

Veal, C. B., *Owner*, C. B. Veal Co.

Winter Park

Stevens, A. C., 486 Joalca Ave.

GEORGIA

Albany

Tucker, W. H., *Engr.*, A. C. Samford, Inc.

Athens

Boomsliter, G. P., 1491 S. Lumpkin St.

University of Georgia

Driftmier, R. H., *P.&H.Ag.E.*

Atlanta

Markwood, M. H., *Asst.V.P.Pers.*, Southern Bell T. & T. Co.
Mathews, K. W., *Mgr.CollegeDept.*, McGraw-Hill Book Co.

Quick, R. T., *Engrg.Control,Admr.*, Lockheed Aircraft
Zsuffa, L. F., *Chf.Region.Engr.*, U. S. Post Offc. Dept.

Georgia Institute of Technology

Bailey, A. H., *P.Math.*
Boyd, J. E., *Dir.Engr.Exper.Sta.*
Bragg, F. C., *Assoc.P.E.Dr.&Mech.*
Brewster, M. R., *P.Ind.Mgmt.*
Brown, B. L., *P.Dr.&Mech.*
Carmichael, W. L., *Registrar*
Carstens, M. R., *P.C.E.*
Chapin, L. W., *RegentsP.English*
Comer, D. B., III, *Assoc.P.Engr.*
Cox, W. N., Jr., *P.I.E.*
Crosland, D. M., *Dir.ofLibr.*
Cross, L.
Dasher, B. J., *Dir.E.E.*
Durden, J. C., Jr., *Assoc.P.Eng.Draw.& Mech.*
Dutton, D. W., *Dir.Aero.*
Eaton, P. T., *Assoc.P.Ind.E.*
Eichler, J. O., *P.C.E.*
Ekey, D. C., *P.Ind.Eng.*
Fulton, A. E., *Asst.P.Math.*
Groseclose, F. F., *Dir.I.E.*
Grune, W. N., *Assoc.P.C.E.*
Harrison, E. D., *Pres.*
Hefner, R. A., *DeanGen.Col.*
Hinton, W. A., *Assoc.P.M.E.*
Holland, A. D., *P.M.E.*
Howell, R. S., *P.M.E.;Dir.Exp.Sta.*
Howey, J. H., *Dir.Phys.*
Jacobs, R. K., *P.Eng.Dr.&Mech.*
Johns, W. B., Jr., *Dir.Eng.Draw.&Mech.*
Kindsvater, C. E., *P.C.E.*
King, R., *P.C.E.*
Lnenicka, W. J., *Asst.P.Mech.*
Long, J. T., *Asst.P.E.E.*
Lucas, J. H., *Assoc.P.C.E.*
Mason, J. W., *Dean*
McCarty, J. W., *Assoc.P.Text.*
McClure, M. R., *Dir.Engg.Eve.School*
Murphy, K. M., *Asst.P.English*
Nottingham, F. O., *P.E.E.*
Paquette, R. J., *P.C.E.*
Savage, H. C., Jr., *Asst.P.E.Dr.*
Savant, D. P., *P.Emer.E.E.*
Scharf, R. S., *Assoc.P.Soc.Sci.*
Sexton, P. G., *Inst.M.E.*
Slaughter, G. M., *Asst.P.C.E.*
Smethers, J. W., *Asst.toDir.Engr.Evening School*
Smith, D. H., *Lec.Eng.*
Sowers, G. F., *P.C.E.*
Staton, R. T., *Asst.Dean&P.I.E.*
Stiemke, R. E., *Dir.C.E.*
Stoneking, C. E., *P.Engr.Mech.*
Sturgis, H. W., *Assoc.Registrar*
Swanson, C. R., *Asst.P.Math.*
Sweigert, R. L., *DeanGrad.Studies*
Trotter, R. A., *Assoc.P.M.E.*
Vidosic, J. P., *P.M.E.*
Weber, H. S., *Dir.M.E.*
Weber, P., *DeanofFac.*
Weston, E. R., *P.E.E.*
Wohlford, J. G., *Dir.Coop.Div.*

W. R. Smith Pub. Co.

O'Brien, E. W., *V.P.,Man.Div.*

Chamblee

Munzer, J. E., *Sr.Asst.San.Engr.*, Water Pollution Control, U. S. P. H. S.

Southern Technical Institute

Bryant, L. Y., *Registrar*
Carroll, G. L., *DeanBasicStudies*
Goodwin, J. P., Jr., *SpecialLect.,Elect.*
Hurst, W., *Asst.P.Physics*
Johnson, L. V., *Director*
Maddox, C. V., *DeanStudents*
Steinkamp, A. L., *Assoc.P.Ind.E.*
Sullivan, T. M., *Inst.Heat.&AirCond.*
Taylor, L. H., *P.Heat.&AirCon.*
Thomas, W. L., *Inst.GasFuelTech.*
Wallace, J. M., Jr., *Asst.P.E.E.*

Marietta

Lockheed Aircraft Corp.

Sims, B. W., *TrainingSpec.Co-op.Coord.*

Stone Mountain

Kilgore, H. H., *Mfg.Repres.*, Keuffel & Esser Co.

West Point

Heard, M. E., *V.P.,Research*, West Point Mfg. Co.

HAWAII

Honolulu

University of Hawaii

Avery, D. E., *Assoc.P.Engr.*
Downs, J. B. T., *P.M.E.*
Holmes, W. J., *V.P.,Dean,App.Sc.*
Keller, A. R., *DeanEm.*
Wachter, W. M., *DeanofApp.Science*

IDAHO

Boise

Otter, J. V., *Cons.Engr.*, Morrison Knudson Co.

Boise Junior College

Dahm, N. F., *Inst.E.*
Pearce, F., *Instr.C.E.*

Coeur d'Alene

North Idaho Junior College

Moser, D. H., *Hd.E.*

Idaho Falls

Beeston, J. M., 1604 Charlene

Moscow

University of Idaho

Abbasi, A. D., *Inst.M.E.*
Barnes, W. P., *Assoc.P.M.E.*
Byers, R. O., *Assoc.P.&Chm.E.Dr.*
Hall, F. H., *Assoc.P.C.E.*
Hattrup, H. E., *P.&H.E.E.*
Hindle, N. F., *P.&H.M.E.*
Hoffman, D. S., *Assoc.P.Ch.E.*
Ivarnick, C. C., *Assoc.Dir.Exp.Station*
Jackson, M. L., *P.&H.Chem.E.*
Janssen, A. S., *DeanEngr.&Dir.Eng.Exp. Sta.*
Johnson, J. H., *P.Emer.E.E.*
Junk, F. S., *Assoc.P.C.E.*
Mann, P., *Assoc.P.E.E.*
Martin, J. W., *P.&H.Ag.E.*
Moore, C. A., *P.&H.C.E.*
Norgord, J. T., *Asst.P.M.E.*
Parish, W. R., *Assoc.P.E.E.*
Silha, H. W., *Assoc.P.M.E.*
Warnick, C. C., *Assoc.Res.P.C.E.*

Pocatello

Idaho State College

Lillibridge, A. L., *Asst.P.M.E.*
Ritland, H. O., *P.&Dir.Eng.*

Shelley

Kaufmann, M. I., *Consult.Engr.*

ILLINOIS

Benton

Jarand, L. N., *Engr.*, Sagamo Elec. Co.

Carbondale

Southern Illinois University

Crosby, H. A., *Assoc.P.Appl.Sc.*
Dubois, T. R., *Lect.*
Dunning, E. L., *Assoc.P.AppliedSci.*
Gallington, R. O., *Act.Hd.Appl.Sci.*
Glenn, G. R., *Asst.P.Appl.Sc.*
Humble, M. K., *Dir.Voc.Tech.Inst.*
Klopp, M. E., *Inst.Eng.Dr.*
Lampman, D. L., *Inst.*
Long, R. H., Jr. *P.M.E.*
Miller, K. R., *Adm.Asst.tothePres.*
Simon, E. J., *Dean,Tech.&AdultEdu.*

Champaign

Spies, H. R., *Scie.Editor*, Spencer Press

Charleston

Eastern Illinois University

Lefler, G. O., *HeadandPresident*, Physics

Chicago

Anderson, A. M., *Mgr.Engr.*, Hotpoint Co.
Arm, D. L., *Dir.ofIndust.Safety*, National Safety Council
Atkins, T. R., *Dir.Educ.Div.*, Frederick Post Co.
Baker, J. E., *DeanEng.Div.*, Greer Tech. Instit.
Brinker, W. E., Corn Prod. Co.
Budington, W. S., *Assoc.Lib.*, Crerar Lib.
Carney, C. J. Jr., *Mang.Dir.*, Society of Ind. Pkg. & Mats. Hdlg. Engineers
Deakins, C. E., *Ill.Com.HigherEduc.,Deputy Dir.*
Earle, C. R., *Execu.Ed.*, Power Eng.
Edwards, F. W., *Mgr.*, Stanley Eng. Co.
Eng, S. A., State Board of Vocational Education, 160 H. LaSalle
Fober, F. C., *Consultant*, Fober & Assoc.
Giles, A. G., *Des.Engr.*, Borg-Warner Corp.
Goldstein, M., *Dean*, Amer. Institute of Technology
Gross, O. L., *Elec.DesignSupvr.*, United States Steel Corp.
Harrold, R. A., *Mgr.Educ.*, Scully-Jones & Co.
Hathaway, A., *Highw.Eng.*, Rm. 1106, 130 N. Wells
Hawkins, H. U., 2039 North 75th Court, Elmwood Park, Chicago 35.
Hicks, H. B., *MidwestMgr.*, McGraw-Hill Book Co.
Hinebaugh, M. E., *Cons.Engr.*, Tammen & Denison, Inc.
Hoehne, W. H.
Johnson, E. E., *Asst.Mgr.*, Professional Employ., Westinghouse Electric Corporation
Krull, A. R., *Assoc.*, Frederick Chusid & Co.
Linderoth, L. S., Jr., *Assoc.Dir.Res.Engr.*, Continental Can Co.
Malcolm, D. G., *Dir.ofOperations*, Research Dept., Booz, Allen & Hamilton
Mass, M. L., *StructuralEngr.*, A. Epstein & Sons
McGehee, E. M., *Asst.Dir.HomeStudy*
Meyer, J. W., *Inst.E.Dr.*
Morris, L. P., National Consulting Service, *ChiefEngr.*, Motorola, Inc.
Neteland, C. L., *Elec.Des.*, Lt. & Power Co.
Ostertag, C. W., *Ind.Engr.*, 501 W. Surf St.
Rogers, F. C., *Assoc.*, Harza Eng. Co.
Rust, C. H., S.J., *Assoc.P.Math.*, Loyola Univ.
Stanley, R. L., *Educ.Dir.*, Diesel Eng. Mfg. Assoc.
Veltrop, J. A., *Sr.Des.Engr.*, Harz Eng. Co.
Wagner, H. A., *Cons.E.*, 8 So. Michigan Blvd.
Wallshlaeger, T. W., *Prin.*, John Palmer School
Watson, C. E., *Exec.V.P.*, Corwith Corp.
Wilson, J. S., *Assoc.*, Heidrick and Struggles
Winslow, S. L., *Partner*, A. T. Kearney & Co.

Aeronautical University

Burroughs, K. L., *Dir.*
Churbuck, L. M., *Chrm.Board*

Allied Institute of Technology

Giles, A. G., *Asst.P.M.E.*
Katz, H. H., *V.P.&Dir.*
Kosner, E. F., *Asst.Tr.Dir.*

American Foundrymen's Association

Heine, H. J., *Tech.Dir.*

Armour Research Foundation

Barthel, C. E., Jr., *Asst.Dir.*
Long, J. D., *Tech.*
Murphy, W. J., *Assoc.Res.*
Nothmann, G. A., *Mgr.;M.E.Res.*
Selig, E. T., *Asst. Engr.,M.E.*
Singer, D. B., *Asst.Supr.M.E.Res.*
Watson, C. E., *Asst.Dir.Indus.Res.*

Chicago City Junior College

Sachs, J. M., *Asst.DeaninCharge*

Chicago Technical College

Knudsen, H. B., *Dean*
Lyon, D. R., *Inst.M.E.*
Morey, C. H., *Asst.Dir.Admis.*
Morey, C. W., *Pres.*
Morey, L. G., *VicePres.*
Ziehn, R. S., *Inst.Chem.&Physics*

Commonwealth Edison Co.

Bailey, A. D., *V.Pres.*
LeClair, T. G., *Mgr.Res.&Dev.*
Leister, V. B., *Person.Dir.*
Neteland, C. L., *Elect.Designer*
Rodman, G. E., *Supvr.Ed.&Tr.*

De Paul University

Weinwurm, E. H., *Assoc.P.Account.*

De Vry Tech. Inst.

Gershon, J. J., *Dir.*, Resident Inst.
Lafeber, T. J., *President*
Thompson, O. F., *V.P.*

International Harvester Co.

Carlstone, P. A., *StaffAsst.,Educ.&Pers.*
Lowry, W. H., *FarmProd.Res.*

Illinois Institute of Technology

Ahern, J. J., *P.&H.*
Bonthron, R. J., *Asst.P.M.E.,Admin.Asst. toDean*
Boyce, J. C., *VicePres.;DeanGrad.Sch.*
Brown, J. C., *Inst.Tech.Dr.*
Budenholzer, R. A., *P.M.E.*
Carvin, F. D., *Dir.ofM.E.Dept.*
Chiarulli, P., *P.&Ch.Mech.*
Chu, K., *Assoc.P.C.E.*
Cohn, G. I., *P.E.E.*
Colvert, W. W., *Dn.Ev.Div.*
Copeland, P. L., *P.Phys.*
Cowie, A., *Lec.M.E.*
Daccardo, S., *EveningInst.,Tech.Dr.*
Dolan, T., *Asst.P.Tech.Dr.*
Dygdon, J. T., *Asst.P.Tech.Draw.*
Elliott, M. A., *Dir.GasTech.*

Epstein, M., *Assoc.Res.Eng.,E.E.*
Fiesenheiser, E. I., *P.C.E.&Director*
Fisher, B. A., *Assoc.P.E.E.*
Frocht, M. M., *P.Mech.*
Goodman, W., *P.M.E.*
Graham, L. G., *Asst.P.M.E.*
Gross, E. T. B., *P.E.E.*
Groves, M. H., *Assoc.Dn.Grad.Schl.;Assoc. P.Psychol.*
Halicki, J. E., *Inst.Tech.Draw.*
Hawry, H. J., *Inst.Tech.Dr.*
Hill, I. L., *P.Dr.*
Hyde, W. H., Jr., *Libr.&P.Lib.Sci.*
Jones, E. W., *Assoc.P.E.E*
Kerr, W. A., *Assoc.P.Psych.&Ed.*
Kessler, R., *Inst.Tech.Drawing*
Kezios, S. P., *P.M.E.*
Kintner, R. C., *P.Ch.E.*
Krathwohl, W. C., *Math.Emer.&Dir.Tests*
Labes, W. G., *Assoc.P.FireProtectn.& SafetyE.*
Larkin, J. D., *Div.Lib.Stud.*
Lewis, W. A., *Res.Prof.E.E.*
Lottich, P. B., *Dir.Admis.*
Loving, R. O., *P.Tech.Dr.*
Martin, G. H., *Inst.M.E.*
Matchett, G. J., *Dir.Nat.Ctr.ofEduca.*
Meade, R. D., *Coord.Coop.Educ.*
Menger, K., *P.Math.*
Mies Vander Rohe, *Director*
Milbradt, K. P., *Assoc.P.C.E.*
Mills, P. J., *Dir.*, Parmly Foundation
Owens, R. G., *Dean*
Parker, M. E., *Dir.&P.FoodEng.*
Peck, R. E., *P.Ch.E.*
Pfister, P. C., *Inst.M.E.*
Reingold, H., *P.&Hd.Math.*
Reitzer, B. J., *Asst.P.Ch.E.*
Rettallata, J. T., *President*
Rich, L. G., *Assoc.P.C.E.*
Richardson, D. E., *Phys.Res.Found.*
Rusinoff, S. E., *P.M.E.*
Schommer, J. J., *P.Ch.Emer.*
Schreiber, H. F.
Sburrager, P. S., *P.&H.Psy.&Ed.*
Singer, D. B., *Asst. Supr.*
Snyder, J., *Inst.C.E.*
Speer, G. S., *P.&Dir.Psych.Serv.*
Spencer, H. C., *P.&H.Eng.Dr.*
Swenson, H. R., *Asst.P.I.E.*
Tao, L. N., *Asst.P.Mech.*
Vey, E., *P.C.E.*
Whitehead, E. R., *Dir.E.E.*
Wilcox, L. R., *Assoc.P.Math.*
Winston, S. E., *DeanEmer.Eve.Div.*

Standard Oil Co. (Indiana)
Carpenter, M. T., *Adm.Dir.Res.*
Roberts, J. K., *V.P.*

University of Chicago (Chicago Midway Laboratories)
Arneson, B. E., *Sr.Res.Engr.*
Kilbridge, M. D., *Sch.ofBusiness*
Van Zeeland, W. A., *Res.Engr.*

University of Illinois, Navy Pier
Blair, L. E., *Inst.G.E.*
Brown, W. O., *DeanofMen*
Burr, E. E., *Asst.P. Art*
Caldario, E. J., *Inst.G.E.*
Carlson, C. I., *P.&H.G.E.*
Caveny, C. C., *Ex.Dean*
Coe, E. H., *Assoc.P.C.E.*
Cramer, C. E., *Asst.P.Engr.Dr.*
DeFilipps, A. J., *Assoc.P.Arch.*
DeFotis, W., *Inst.G.E.*
Dembski, M. V. J., *Asst.P.Eng.*
Goppert, H. R., *P.G.E.*
Hellmer, C. A., *Inst.G.E.*
Holladay, D. M., *Asst.P.G.E.*
Huitema, R., *Assoc.P.Phys.Sciences*
Hunt, C. K., *Asst.P.Phys.Sciences*
Johnson, H. J., *Inst.Phys.*
Karpinski, R. W., *HeadGeol.*
Kohler, R. C., *Asst.P.G.E.*
Livermore, O., *Inst.Physics*
Mikolajczyk, H. L., *Assoc.P.Arch.*
Mosillo, F. A., *Inst.G.E.Drawg.*
Olsen, C. E., *Inst.Math.*
Pabarcins, A., *Inst.C.E.*
Perkins, R. B., *Hd.E.Sh.Labs.*
Price, R. M., *Assoc.P.Phys.&Actg.Dean Engr.*
Railsback, O. L., *Hd.Physics*
Royster, R. S., *Asst.P.G.E.*
Schroeder, F. W., *Inst.G.E.*
Schroeder, R. W., *Asst.P.M.E.*
Setton, H. A., *Asst.P.G.E.*
Shapiro, S. E., *Assoc.P.G.E.*
Silkett, A. F., *Inst.Phys.*
Stanley, W. J., *Inst.M.E.*
Trezise, F. W., *Assoc.Dean*
Walraven, H. D., *Assoc.P.G.E.*
Wiesinger, F. P., *Asst.P.C.E.*

Utilities Engineering Institute
Burroughs, F. D., *Ed.Dir.*
Sorensen, E. P., *Pres.*

Western Electric
Heath, H. E., *Chief,College Relations*

Wilbur Wright Jr. College
Brille, B. T., *I.E.Dr.*
Messinides, H. C., *Inst.E.Dr.*

Wilson City College
Brazda, L. P., *H.Arch.E.*

Crystal Lake

Pure Oil Company
Watson, K. M., *ViceP.*

Decatur
Devor, E. L., *FacilitiesEngr.*, General Electric Co.
Miner, H. R., Air Cond. Engrs.

DesPlaines

Borg-Warner Central Research Lab.
Boehmer, A. P. *Res.Engr.*
Griffis, L., *Mngr.-Dir.*

East St. Louis
Emery, D. L., Alcoa Research Lab.
Yund, H. D., 644 Pershing Blvd.

Parks College of St. Louis University
Beck, N. C., *Dean*
Choppesky, J. C., *Act.Dean&Regent*
Felling, W. E., *Asst.P.Aero.E.*
Horn, E. R., *Lec.Aero.E.;Dir.Eng.Dr.*
Lewellen, J. G., *Instr.Aero.E.*
Trefny, R. B., *Dir.Aero.Eng.*

Elmhurst
Kegerreis, R., *Physician*

Evanston
Brinkmann, T. H., *Exec.Secy.*, Marking Device Association
Muhlenbruch, C. W., *Pres.*, Educational and Technical Consultants
Rogers, B., *Gen.Mgr.,Sec.*, Nat. Fluid Power Assoc.

Northwestern Technological Institute
Banks, R. R., *Assoc.P.&Chm.C.E.*
Beam, R. E., *P.E.E.*
Beightler, C. S., *Inst.I.E.*
Berry, D. S., *P.C.E.*
Betterley, R. E., *Asst.P.M.E.*
Bossenga, J. R., *Asst.P.Eng.Dr.*

Bowman, J. R., *Assoc.Dn.*
Brazelton, W. T., *Assoc.P.Chem.Engrg.*
Brown, E. A., Jr., *Inst. inM.E.*
Brown, G. M., *Assoc.P.Ch.E.&Sci.E.*
Cambel, A. B., *P.M.E.*
Condit, C. W., *Assoc.P.Hum.*
Denavit, J., *Asst.P.M.E.*
Gamet, M. B., *P.C.E.*
Gotaas, H. B., *DeanTech.Inst.*
Hartenberg, R. S., *P.M.E.*
Hetenyi, M., *P.Eng.Sci.*
Jenness, R. R., *P.E.E.*
Jones, R. W., *P.E.E.*
Kadala, R. J.
Keho, C. L., *Lec.C.E.*
Kilner, D. D., *Assoc.P.M.E.*
Kliphardt, R. A., *Assoc.P.Dr.*
Lamb, G. G., *P.Ch.E.,Dir.Res.*
Lee, S., *Assoc.P.C.E.*
Lehrer, R. N., *P.&Chm.I.E.*
Lewis, D. W., *Inst.M.E.*
Lindenmeyer, R. S., *Assoc.P.M.E.*
Logan, J. A., *P.C.E.*
Lyon, J. A. M., *P.&Chm.E.E.*
McMullen, C. W., *Asst.P.E.E.*
Murphy, G. J., *Assoc.,P.E.E.*
Osterberg, J. O., *P.C.E.*
Raynor, S., *P.M.E.*
Riley, T. M., *Lec.E.E.*
Rogers, H. B., *P.Mgmt.*
Rogers, W. L., *Assoc.P.M.E.*
Romer, I. C., *Inst.M.E.*
Seulberger, F. G., *Asst.Dean*
Smith, J. M., *P.&Chm.Chem.E.*
Snyder, W. T., *Grad.Stud.M.E.*
Stevens, W. F., *Assoc.P.Ch.E.*
Sunderland, J. E., *Asst.P.M.E.*
Wyly, L. T., *P.C.E.*
Young, R. L., *Asst.P.M.E.*
Zinn, R. E., *P.Ch.E.*

Glen Ellyn

Haas, G. W., *Dept.Hd.,Indus.Arts,* Glenbard Township High School

Great Lakes

Kilbourne, L., *Coord.Engr.,* Naval Supply Depot

Hartford

Nevin, F. E., *Sr.Engr.,* Sinclair Ref. Co.

Harvey

Zimmerman, J. F., *Dir.ResearchPers.,* Sinclair Research Laboratory

Hinsdale

Blymyer, F., *Gen.Supvr.,* Electro-Motive Div., General Motors

Joliet

Junior College
Castle, D. W., *Inst.Engrg.*

Lemont

Argonne National Laboratory
Hilberry, N., *Dir.ArgonneNationalLab.*
Menke, E. M., *Res.Assoc.*
Redman, W. C., *Sec.Hd.,Reactor Eng.*
Taecker, R. G., *Dir.Internat.Sch.Nuc.Sci.*
Turner, L. A., *Dir.,PhysicsDiv.*

Lockport

Lewis College of Sci. & Tech.
Treseder, F. M., *Asst.P.*

Lombard

DuBose, L. A., *Dir.Engr.,* Testing Service Corp.

Macomb

Western Illinois College
George, W. C., *Asst.P.Agr.E.*

Moline

Case, E. H., *Dir.ofCollege&Univ.Rels.,* Deere & Co.

Monmouth

Monmouth College
Cramer, P., *Assoc.P.Math.*

Northbrook

Robinson, O. L., Box 247

North Central College
Cardin, C. J., *P.&H.Gen.E.*

Oak Park

Bard, R. E., *Engr.,* General Radio Co.
Majde, S., *Res.Supr.,* Askania Reg. Co.
Rose, R. L., *Res.Consultant,* 324 S. Maple

Park Ridge

Cross, R. E., *Sr.Engr.,* A. T. Kearney & Co.
Johnson, T. G., *Asst.Dir.Ind.Rel.,* Danly Mach. Spec., Inc.

Peoria

Bradley University
Abegg, M. G., *Assoc.P.C.E.*
Andrews, R. E., *Asst.P.M.E.*
Blickensderfer, H., *P.C.E.*
Dini, A. E., *Assoc.P.C.E.*
Doyle, W. L., *Asst.P.M.E.*
Erteza, A., *Asst.P.E.E.*
Fletcher, L. J., *Asst.P.I.E.*
Gibbs, R. E., *Dean*
Hammond, W. M., *Inst.E.Engr.*
Morse, R. K., *Asst.P.C.E.*
Ratcliff, H. B., *P.&Hd.M.E.*
Rodes, H. P., *Pres.*
Schlegel, E. J., *Asst.P.Dr.*
Short, W. E., *Assoc.P.M.E.*
Smith, J. L., *Inst.C.E.*
Studnicki, R. P., *Inst.I.E.*
Weinberg, P., *Hd.E.E.*
Wessler, M. A., *Asst.P.M.E.*

Caterpillar Tractor Co.
Mees, R. T., *Asst.toV.P.,Engr.&Res.Admin.*
Schad, C. R., *Asst.Dir.Res.*

Raymond

Doyle, F. B., *ProfessionalEngineer*

Rockford

Johnson, R. E., *Mgr.SystemControls,* Barber-Colman Co.

Rock Island

Rock Island Arsenal
Lazarus, L. P., *Dir.Ordn.Mgt.*
Wallace, L. W., *Conf.Leader*
Williams, T. E., Jr., *Ind.Engr.*

Augustana College
Holroyd, H. B., *Assoc.P.Physics*

Skokie

Beratan, L. L., 9533 Lawler Ave.
Knopf, W. C., Jr., *Asst.Dir.Res.*, International Minerals & Chem. Corp.

Urbana

Clark, Daily & Dietz Consulting Engineers

Clark, J. G., *Partner*
Danner, C. S.
Dietz, J. C., *Partner*

University of Illinois

Albert, D. P., *Asst.M.E.*
Albright, W., *Asst.P.E.E.*
Allen, A. W., *P.Cer.E.*
Andrews, A. I., *P.&H.Cer.E.*
Archer, L. B., *P.E.E.*
Austin, W. J., *Assoc.P.C.E.*
Babb, D. S., *Assoc.P.E.E.*
Bailey, A. D., *Assoc.P.E.E.*
Bair, W. E., *Asst.P.M.E.*
Bareither, H. D., *Assoc.P.M.E.*
Bauer, E. E., *P.C.E.*
Bauling, F. G., *Asst.P.Theo.&AppliedMech.*
Bayne, J. W., *Assoc.P.M.E.*
Bianchini, A. C., *Asst.P.Theo.&Applied Mech.*
Bohl, R. W., *Assoc.P.Met.E.*
Boresi, A. P., *Assoc.P.Theo.&AppliedMech.*
Borri, R., *Assoc.P.G.E.D.*
Bowman, C. E., *P.Theo.&AppliedMech.*
Brightbill, L. J., *Assoc.P.Arch.E.*
Briscoe, J. W., *P.&Asst.HeadC.E.*
Broghamer, E. L., *P.M.E.*
Bryant, P. T., *Asst.Ed.*, Engr. Exp. Sta.
Carroll, J. R., *Assoc.P.M.E.*
Carson, A. M., *Inst.M.E.*
Carter, D. G., *P.Emer.Agr.E.*
Casberg, C. H., *P.M.E.,Emer.*
Chao, B. T., *P.M.E.*
Chow, W. L., *Res.Asst.P.M.E.*
Clark, M. E., *Assoc.P.T.&A.M.*
Coan, J. M., *P.Aero.E.*
Cobb, A. C., *Assoc.P.T.&A.M.*
Cole, D. H., *Assoc.M.E.*
Collins, W. L., *P.T&A.M.*
Cook, R. L., *P.Cer.E.*
Corten, H. T., *P.T.&A.M.*
Crossman, R. S., *Asst.P.G.E.D.Emer.*
Crothers, M. H., *Assoc.P.E.E.*
Curtis, J. O., *Asst.P.Agr.Eng.*
Danner, E., *P.HighwayC.E.;Dir.Ill.Coop. HighRes.Prog.*
Davidson, R. A., *Asst.P.E.E.*
Davis, S. R., *Lect.M.E.*
Day, D. A., *Asst.P.C.E.*
Dell, G. H., *P.C.E.*
DiPasquale, R. A., *Inst.Arch.*
Dobrovolny, J. S., *Assoc.P.Gen.E.*
Dolan, T. J., *Hd.Theo.&Ap.Mech.*
Doyle, L. E., *P.M.E.*
Draffin, J. O., *P.Emer.T.&A.M.*
Eadie, G. R., *Asst.P.Min.Eng.*
Ebert, E. D., *Assoc.P.Gen.Eng.*
Eckel, E. J., *P.Met.E.*
Eldridge, W. H., *Asst.P.C.E.*
Elsesser, T. M., *Asst.P.T.A.M.*
Emery, W. L., *P.E.E.*
Ensign, N. E., *P.T.&A.M.,Emer.*
Espy, W. N., *P.M.E.*
Everitt, W. L., *Dean*
Fahnestock, M. K., *Res.P.M.E.&Ch.EnvironmentUnit*
Faucett, M. A., *P.E.E.*
Fellows, J. R., *P.M.E.*
Forsyth, A. C., *Assoc.P.Met.E.*
French, J. L., *Inst.M.E.*
Friederich, A. G., *Asst.P.M.E.*
Gaither, R. B., *Inst.Engr.*
Gaylord, E. H., *P.C.E.*
Greffe, C. D., *P.M.E.*
Guillou, J. C., *Res.Assoc.P.C.E.*
Hall, S. G., *P.G.E.*
Hall, W. J., *Assoc.P.C.E.*
Haltiwanger, J. D., *Assoc.P.C.E.*
Hang, D. F., *Assoc.P.E.E.*
Hansen, E. L., *P.Agr.E.*
Harper, G. W., *P.M.E.*
Hartley, T. C., *Asst.P.G.E.*
Hay, R. C., *Coord.Inter.Prog.&P.Agr.E.*
Hay, W. W., *P.RailwayC.E.*
Hayward, H. N., *P.E.E.*
Hebrank, E. F., *P.M.E.&Dir.Power*
Helm, M. S., *P.E.E.*
Henry, J. A., *P.M.E.*
Heston, R. E., *Assoc.P.Agr.E.*
Hilton, H. H., *P.Aeron.Eng.*
Hinchcliff, K. H., *P.Agr.E.*
Hipskind, J. P., *Inst.Engr.Dwg.*
Hoelscher, R. P., *P.&H.G.E.*
Horn, H. W., *Assoc.P.E.E.*
Hornbeak, H. L., *Assoc.P.Arch.E.*
Huang, E. Y., *Assoc.P.C.E.*
Hull, W. L., *P.M.E.*
Huntington, W. C., *P.Emer.C.E.*
Hutchinson, J. W., *Inst.C.E.*
Ihrig, H. K., Jr., *Lect.M.E.*
Jewett, R. A., *Asst.P.G.E.*
Johnstone, H. F., *P.Ch.E.*
Jones, P. G., *P.T.&A.M.*
Jordan, E. C., *P.&Hd.E.E.*
Jordan, H. H., *Assoc.D.&P.EmeritusG.E.*
Karara, H. M., *Asst.P.C.E.*
Kesler, C. E., *P.Theo.&AppliedMech.*
Khachaturian, N., *Assoc.P.C.E.*
King, E. E., *P.R.C.E.Emer.*
Konzo, S., *P.M.E.*
Kreer, J. B., *Asst.P.E.E.*
Lanham, F. B., *P.Ag.E.*
Lansford, W. M., *P.T.&A.M.*
Larson, B. O., *P.G.E.*
Larson, C. S., *Grad.Asst.M.E.*
Larson, R. F., *P.M.E.*
Leach, J. L., *P.M.E.*
Link, R. P., *Assoc.Dn.;P.Arch.*
Lomask, S., *Inst.Gen.E.*
Luke, E. D., *P.M.E.*
Lynch, E. D., *Assoc.P.Cer.E.*
Mangelsdorf, C. P., *Instr.C.E.*
Martin, G. E., *Instr.Gen.E.*
Martin, R. J., *Dir.Exp.Sta.*
Mathews, A., *Inst.G.E.*
McClintock, E. C., Jr., *P.G.E.*, Div. of Info & Publications
McFeron, D. E., *Assoc.P.M.E.*
Merritt, J. L., Jr., *Asst.P.C.E.*
Miller, W. E., *P.&Assoc.Hd.E.E.*
Mosborg, R. J., *Assoc.P.C.E.*
Murdock, J. W., *Inst.T.&A.M.*
Mykkanen, D. L., *Inst.M.E.*
Neal, J. P., *Assoc.P.E.E.*
Nelson, H. C., *Inst.Gen.I.E.*
Newmark, N. M., *P.&Hd.C.E.*
Offner, D. H., *Asst.P.M.E.*
Oliver, W. A., *P.C.E.*
Opperman, D. R., *Asst.DeanEng.;Inst.G.E.*
Ormsbee, A. I., *P.Aero.Eng.*
Paine, E. B., *P.Emer.*
Parker, N. A., *P.&H.M.E.*
Paul, S. L., *Inst.C.E.*
Pearson, J. E., *P.G.E.*
Peart, R. M., *Asst.P.Agr.E.*
Peirce, G. R., *Assoc.P.E.E.*
Peters, M. S., *P.Ch.E.*
Phipps, C. M., Jr., *Inst.M.E.*
Pickard, G. E., *P.Agr.E.*
Pierce, S. H., *Assoc.Dean&P.*
Pigage, L. C., *P.M.E.*
Price, T. W., *Assoc.P.M.E.*
Radzimovsky, E. I., *Assoc.P.M.E.*
Rayner, W. H., *P.C.E.Emer.*
Read, T. A., *P.&H.Min.&Met.*
Reyes-Guerra, D. R., *Inst.G.E.*
Ricketts, B. G., *P.Met.E.*
Ricketts, L. W., *Inst.E.E.*
Rowland, W. F., *Instr.C.E.*
Ryan D. G., *P.M.E.*
Salvatore, J., *Res.Asst.ControlSys.Lab.*
Schmidt, H. L., *Asst.M.E.*
Schmidt, M. O., *P.C.E.*
Schmidt, R., *Asst.P.T.A.M.*

Schrader, G. F., *Asst.P.M.E.*
Schrader, H. J., *Res.P.T.&A.M.*
Schubert, C. E., *Assoc.P.M.E.*
Schwarzlose, P. F., *Assoc.P.E.E.*
Seely, F. B., *T.A.M.Emer.*
Seitz, F., *P.&Hd.Physics*
Seyler, J. W., *Asst.P.C.E.*
Shedd, T. C., *P.Str.E.*
Shick, W. L., *Assoc.P.G.E.*
Sidebottom, O. M., *P.Theo.&Applied Mech.*
Siess, C. P., *P.C.E.*
Singer, M. B., *Inst.M.E.*
Skroder, C. E., *P.E.E.*
Smith, J. O., *P.T.&A.M.*
Smoot, R. L., *Instr.M.E.*
Snyder, J. N., *Res.P.Phys.&Dig.Comp.*
Spalding, F. L., *Asst.P.G.E.*
Springer, C. H., *P.G.E.D.*
Spuhler, H. A., *Res.Assoc.E.E.*
Stallmeyer, J. E., *Assoc.P.C.E.*
Starr, C. J., *Assoc.P.M.E.Emer*
Stillwell, H. S., *P.&H.A.F.*
Stoecker, W. F., *Asst.P.M.E.*
Streeter, H., *Inst.G.E.*
Strout, R. P., *Assoc.P.M.E.*
Tague, J. R., *Asst.P.G.E.*
Taylor, C. E., *P.Theo.&AppliedMech.*
Thornburn, T. H., *P.C.E.*
Trigger, K. J., *P.M.E.*
Tykociner, J. T., *P.Emer.E.F.*
Untrauer, R. E., *Res.Assoc.C.E.*
von Turnovich, B. F., *Lect.M.E.*
Van Valkenberg, M.E., *P.E.E.*
Vawter, J., *P.C.E.*
Wakeland, H. L., *Asst.Dean*
Walker, L. D., *P.G.E.*
Wang, C. K., *P.Arch.E.*
Westwater, J. W., *Assoc.P.Ch.E.*
Whisenand, J. L., *Asst.P.M.E.*
Wilson, G., *Asst.P.Gen.E.*
Worley, W. J., *Assoc.P.Theo.&AppliedMech.*
Wright, F. D., *P.Min.E.*
Yager, W. C., *Res.Asst.Astronomy*
Yarborough, K. A., *Instr.C.E.*
Young, A. L., *P. Emer.Agr.E.*
Young, G. A., *Assoc.P.C.E.*
Zumwalt, G. W., *Res.Assoc.M.E.*

Waukegan

Remde, A. O., *Draft.Teacher,* Waukegan Twp. H.S.

Wilmette

Dowling, E. J., Rev., S.J., *Teach&Chm. M.E.,* Loyola Academy

INDIANA

Angola

Tri State College

Areaux, V. G., *Asst.P.M.E.*
Ax, L. S., *P.&H.RadioE.*
Davis, C. L., *Assoc.P.Math.&Engr.Mech.*
Dreyer, S. F., *Assoc.P.M.E.*
Carney, M. D., *Assoc.P.Eng.*
Eberhardt, A. E., *Asst.P.E.E.*
Eyer, P. H., *Inst.Math&Sci.*
Granger, G. A., Jr., *Inst.Dwg.*
Guilford, A. A., *Instr.C.E.*
Hauber, C., *Head,C.E.Dept.*
Hawthorne, Q. J., *P.&H.Aero.E.*
Hemmert, R. A., *Assoc.P.M.E.*
Hockey, A. A., *Inst.M.E.*
Holcomb, W. W., *Inst.M.E.*
Humphries, J. C., *P.&H.M.E.*
Kenyon, C. D., *Assoc.P.Phys.*
King, R. K., *Inst.Math&Science*
Nurnberger, P. A., *P.&Chm.Math.&Engr. Mechs.*
Parrott, A. A., *P.&Grad.Adviser English*
Porter, R. L., *Asst.P.Chem.E.*
Radcliffe, J. G., *Registrar*
Radford, S. S., *Prof.E.Dr.*
Rose, M. F., *P.Math.&Mechs.*
Rowley, G. S., *Asst.P.Math.&Sci.*
Shaw, C. E., *P.&H.E.E.*
Steele, K., *Hd.Physics*
Stelling, H. R., *Inst.Engl*
Threlkeld, W. A., *Inst.Math.*
Velez, E., *Inst.E.E.*
Whittern, H. N., *Asst.P.Math.*

Crawfordsville

Wabash College

Kline, B. E., *V.P.*

Evansville

Chapman, R. G., *Chf.Engr.,DoorDiv.,* International Steel Co.

Evansville College

Fung, S. A., *Asst.P.Engr.*
Hartsaw, W. O., *Assoc.P.E.*
Herndon, C. L., *Assoc.P.Engr.*
Houston, H. T., *Asst.P.Engr.*
Kushner, J. B., *Assoc.P.*
Long, D., *Vice-Pres.&Dir.AdultEdu.Adm.*
Marchant, G. B., *P.Math.*
Susat, E. C., *Dir.Coop.Trng.*

Lain Technical Institute

Kampschaefer, O. L., *I.E.*
Klein, R. J., *ToolDesign*
Montieth, W. C., *Coord.-Arch.*
Weed, Alan, *Math.Sci.*

Fort Wayne

Clark, John R., *Princ.Engr.,* Farnsworth Electronics Co.
McClaren, G. D., *Dir.Ind.Rel.,* Magnavox Co.
Rammel, W. G., *Arch.Engr.,* W. G. Rammel & Assoc.

Indiana Technical College

Appel, W. W., *Inst.Elect.*
Bernhardt, E. F., *Dir.Eng.Draw.*
Carr, C. R., *Assoc.P.Math.*
Carson, R. S., *Chmm.E.E.*
Cochran, J. R., *Inst.Ch.E.*
Cranmer, J. W., *Asst.P.Ch.E.*
Dermer, R. D., *Inst.&Chm.E.E.;Chf.Engr. Res.&Dev.Lab.*
Dixon, T. G., *P.&Chm.Ch.E.;Dir.Ind.Rel. Cent.*
Donahue, W. E., *Ch.Chem.*
Etter, L. R., *Asst.P.Physics*
Fairman, W. H., *Libr.*
Hoehn, R. G., *Asst.P.Math.&C.E.*
Jacklin, H. M., *P.M.E.,Dir.Appl.Mechs.*
Keene, A. T., *Pres.*
King, R. J., *Inst.Elect.Eng.*
Macklin, H. A., *Assoc.P.Mech.*
Marshall, R. R., *Asst.P.M.E.*
Miller, R. B., *P.Aero.E.*
Overholt, C. A., *V.P.&Treas.*
Planck, I. A., *Ch.M.E.*
Price, A. B., *Asst.P.Elect.*
Quinn, C. J., *Inst.M.E.*
Robinson, D. W., *DeanStudents*
Ruhl, R. C., *Dean*
Schulz, L. M., *Inst.E.E.*
Torzyn, N. T., *Inst.Elect.*
Weimer, M. E., *Inst.Engl*
Whitney, J. A., *Asst.P.E.E.*
Young, R. W., *Hd.Math.-Phys.*

Purdue University Center

Bateman, R. M., *Dir.*
Cooper, N. T., *Registrar*
Wilson, D. G., *Inst.Tech.Inst.*

Hammond

Borkert, J. J., *ChiefEngr.;M.E.*, Beatty Mach. & Mfg. Co.

Technical Extension Division, Purdue University

Combs, R. J., *Asst.Dir.*
Gyte, M. E., *Direc.*
Meier, P. T., *Dist.Rep.*
Rapalski, J. C., *Inst.E.E.*
Relich, N., *Asst.P.Math.*
Rhodes, C. F., *Asst.P.E.*
Schlosser, F. F., *Asst.P.Chem.*
Sharp, H. S., *Assoc.P.Math.*
Stock, W. A., *Inst.Math.*
Zacher, C. H., *Asst.P.E.*

Indianapolis

Boyer, M. C., *Hyd.Eng.*, Flood Control & Water Resources Comm.
Kertis, A. J., *Pers.Consultant*, City of Indianapolis
Shook, P. S., *Des.Cons.*, L. S. Ayres Co.

General Motors Corp.—Allison Division

Daniels, T. E., *Prof.Engr.Cont.Group*
Smith, R. C., *Gen.Supver.SalaryPersonnel*
Thompson, F. H., *Engrg.Publ.*

Lain Technical Institute

Davis, W. E., *Arch.*
Fahle, B., *Math.Sci.*
King, D. W., *Arch.*
Klein, R. F., *Inst.*
Lain, D. W., *V.P.,Regis.*
Lain, P. E., *V.P.Admin.*
Lain, T. J., *Pres.*
McBride, C., *I.E.*
Scott, J. L., *ToolDesign*
Stewart, H., *Engr.Dwg.*
Woods, W. H., *Inst.Math.&Sc.*

Purdue University Extension

Chambers, W. W., *Inst.Math.&Phys.*
Ernst, E. H., *Asst.P.Engl.,Gen.Stud.*
Flake, G., *Asst.P.Phy.*
Roberts, W. H., *Tech.Physics*
Scholl, L. W., *Asst.P.Arch.*
Suter, A. K., *Asst.P.Math.*
Thompson, F. H., *Instr.Descr.Geom.*

Kokomo

Miller, R. F., *Res.Engr.*, Delco Radio Div., G. M. Corp.

Lafayette

Creson, W. K., *Const.Engr.*, Ross Gear & Tool Co., Inc.
Eaton, J. R., 325 Lawn Ave.
Green, F. H., 711 N. Salisbury
Jones, T. F., Jr., 1128 Ravinia Road
Painter, J. T., 511 Harrison Ct.
Wiley, R. B., 600 Bexley Road

Purdue University

Adams, M. D., *Assoc. P. & Asst. Hd. Tech. Inst.*
Agnew, J. T., *P.M.E.*
Allen, C. W., *Inst.M.E.*
Amrine, H. T., *Hd.P.I.E.*
Anderson, D. R., *Instr.C.E.*
Anderson, R. L., *Assoc.P.Eng.Sci.*
Arnold, J. N., *P.Engr.Gr.*
Ault, E. S., *P.M.Des.*
Austin, G. A., *Inst.E.E.*
Azpell, E. W., *Assoc.P.M.E.*
Bartlett, T. E., *Asst.P.Ind.E.*
Beck, L. E., *P.E.E.*
Bergdolt, V. E., *Assoc.P.M.E.*
Bergren, G. W., *Assoc.P.M.E.;Supv.Coop. Eng.Ed.*
Binder, R. C., *P.M.E.*
Birkemeier, W. P., *Inst.E.E.*
Blalock, G. C., *P.Emer.E.E.*
Bloodgood, D. E., *P.C.E.*
Bogardus, F. J., *Assoc.P.M.E.*
Bolle, D. M., *Inst.E.E.*
Botkin, K. E., *Asst.P.Engr.Gr.*
Bowman, J. H., *P.E.E.*
Branham, A. K., *Asst.P.C.E.*
Briggs, W. W., *Asst.P.AirTrans.*
Brown, C. L., *P.M.E.*
Bruhn, E. F., *P.Aero.E.*
Burley, W. M., Jr., *Inst.M.E.*
Canfield, D. T., *P.E.E.&Admin.Asst.toE.E. Sch.Hd.*
Cargnino, L. T., *Asst.P.Aero.E.*
Carter, A. H., *Assoc.P.E.Gr.*
Cason, F. L., *Dir.Pl.forMen*
Chapman, C. R., *Asst.Prof.*
Chenea, P. F., *Act.Ed.E.E.*
Clark, D. S., *P.M.E.*
Cohen, R., *Assoc.P.M.E.*
Comings, E. W., *P.&H.Ch.E.*
Comparin, R. A., *Inst.M.E.*
Cooper, G. R., *P.E.E.*
Creek, H. L., *P.Emer.Engl.*
Cribbins, P. D., *Inst.C.E.*
Cromer, O. C., *P.M.E.*
Curtis, K. S., *Asst.P.C.E.*
Cutshall, C. S., *P.E.Sciences*
Dale, A. C., *P.Agric.E.*
DeGroff, H. M., *Hd.Aero.Eng.*
Doody, T. C., *Assoc.P.Ch.E.*
Dunk, A. C., *Asst.P.M.E.*
Dunn, M. G., *Lab.Inst.*
Eaton, J. R., *P.E.E.*
Eaton, P. B., *Asst.P.MetalProces.*
Elrod, S. B., *P.Engr.Graph.*
Ewing, D. D., *Emer.P.&H.E.E.*
Fairman, S., *P.Eng.Sciences*
Fatout, P., *P.Engl.*
Fontaine, W. E., *P.M.E.*
Foote, J. R., *Assoc.P.Engr.Sci.*
Friedlaender, F. J., *Asst.P.,E.E.*
Geldmacher, R. C., *Assoc.P.Eng.Sci.*
Gerdom, H. F., *Inst.E.Graphics*
Gibson, J. E., *Assoc.P.E.E.*
Girvin, H. F., *P.Emer.Eng.Sci.*
Goetz, W. H., *Assoc.P.C.E.*
Greene, J. H., *Asst.P.I.E.*
Greiner, O. A., *Assoc.P.Mod.Lang.Ret.*
Gutzwiller, M. J., *Assoc.P.C.E.*
Guy, A. G., *P.Met.Engr.*
Hale, H. W., *Assoc.P.E.E.*
Hall, A. S., Jr., *P.M.E.*
Hamilton, M. E., *Inst.*
Hartje, G. F., *Asst.P.I.E.*
Hawkins, G. A., *DeanEng.*
Hayes, J. M., *P.S.E.*
Hays, F. D., *Asst.P.Tech.Inst.*
Hayt, W. H., Jr., *P.E.E.*
Herrick, T. J., *Assoc.P.Aero.E.*
Hesselberth, W. M., *Assoc.P.E.E.*
Hitchcock, J. E., *Instr.M.E.*
Holowenko, A. R., *P.M.E.*
Holsberg, P. J., *Grad.Teach.Asst.E.E.*
Holub, A. J., *Inst.E.E.*
Houghton, A. V., III, *Inst.M.E.*
Hovde, F. L., *President*
Howland, W. E., *P.S.E.*
Ingram, G. E., *Inst.C.E.*
Isaacs, G. W., *Assoc.P.Agr.E.*
Jones, J. B., *P.M.E.*
Kay, W. J., *Assoc.P.C.E.*
Kemien, C. Z., *Inst.M.E.*
Kinnen, E., *Asst.P.E.E.*
Knapp, W. A., *Assoc.DeanEmer.Engr.*
Knoll, H. B., *Assoc.P.Engl.*
Kramer, L. A., *Asso.P.E.E.*
Landgrebe, D. A., *Inst.E.E.*
Larew, H. G., *Inst.C.E.*
Lark-Horovitz, K., *P.&H.Phys.*
Lascoe, O. D., *P.I.E.*
Laughlin, H. G., *Assoc.P.M.E.*
Lawshe, C. H., *Dn.Tech.Exten.&AdultEduc.*
LeBold, W. K., *Assoc.P.Eng.*
Leonards, G. A., *P.SoilMech.*

Lewis, A. D. M., *Assoc.P.Struc.Engr.*
Lewis, B. B., *P.RailroadE.*
Liljedahl, J. B., *Assoc.P.Agr.E.*
Lindholm, J. C., *Inst.M.E.*
Lindley, R. W., *P.Fresh.Eng.*
Liston, J., *P.Aero.E.*
Little, N., *Assoc.P.Mech.*
Lommel, G. E., *P.Top.E.*
Lovell, C. W., Jr., *Asst.P.C.E.*
Ludy, L. V., *P.Emer.M.E.*
Lusk, J. B., *Asst.P.M.E.*
Luzadder, W. J., *P.Gen.Eng.*
Lykoudis, P. S., *Asst.P.Aero.E.*
Marek, C. T., *P.Gen.E.&H.Dept.*
Maris, J. R., *Inst.Supr.Tech.Inst.*
Matthews, J. H., *Assoc.P.C.E.*
McFadden, J. A., *Assoc.P.E.E.*
Meikle, G. S., *Dir.&VicePres.Res.Found.*
Messersmith, C. W., *P.M.E.*
Michael, H. L., *Asst.Dir.*, Joint Highway Research Proj.
Miles, R. D., *Res.Eng.&Asst.P.Highway Eng.*, Joint Highway Res. Proj.
Miller, W. T., *P.M.E.*
Mills, R. E., *P.E.Mat.*
Moll, R. E., *Inst.C.E.*
Monke, E. J., *Asst.P.Agr.E.*
Morgen, R. A., *Dir.Res.*
Moriarty, J. H., *Dir.Libraries&Audio-Vis. Cen.*
Morse, F. B., *Assoc.P.M.E.*
Mueller, G. V., *P.E.E.*
Munro, G. W., *P.Therm.Em.*
Nichols, C. R., *Assoc.P.E.E.*
Ogborn, L. L., *Inst.E.E.*
Ojalvo, M. S., *Inst.&Res.Asst.M.E.*
Oldenburger, R., *P.M.E.*
Olsen, R. A., *Assoc.P.M.E.*
Oorthuys, H. J., *Assoc.P. E. E.*
Osborn, H. H., *Asst.P.M.E.*
Osborn, J. R., *Asst.P.M.E.*
Owen, H. F., *P.Ind.Engr.*
Palmer, G. M., *Asst.P.AeroE.*
Parlee, N. A., *P.Met.E.*
Petty, B. H., *P.Hgh.E.*
Porsch, J. Howard, *Chm.Engr.Gr.*
Potter, A. A., *DeanEmer.Eng.*
Proctor, D. E., *Inst.Sanit.&Hydraul.*
Quinn, B. E., *P.M.E.*
Rautala, P., *P.Met.E.*
Renda, R. B., *Inst.M.E.*
Rezek, C. W., *Asst.P.M.E.*
Rising, J., *P.Gr.*
Ritchey, J. A., *Assoc.P.I.E.*
Roberts, M. D., *Assoc.P.Ind.Tech.*
Rogers, C. C., *Inst.E.E.*
Rogers, C. J., *Assoc.P.Gen.E.*
Rountree, Harry C., *Hd.Tech.Inst.*
Rushton, John H., *P.Ch.E.*
Sabbagh, E. M., *P.E.E.*
Sage, A. P., Jr., *Inst.E.E.*
Samuels, J. C., *Asst.P.Engr.Sci.*
Sanders, W. B., *P.Mech.*
Satterley, W. O., *Asst.P.Graphics*
Schleef, D. J., *Inst.M.E.*
Schlundt, E. M., *LibrariesH.ReadersDiv.*
Schmid, M. D., *Asst.P.Ind.Man.*
Schuhmann, R., Jr., *P.&Chm.Met.Eng.*
Schultz, F. V., *P.E.E.*
Scott, M. B., *P.Struc.E.*
Seeley, C. T., *Inst.Engr.*
Sesonske, A., *Assoc.P.Ch.E.*
Shreve, R. N., *P.Ch.E.&Dir.*, Formosa-Purdue Engrg. Proj.
Siskind, R. P., *P.E.E.*
Smith, C. P., *Asst.P.Ind.Engr.*
Solberg, H. L., *Hd.M.E.;Assoc.Dn.*
Spalding, A. R., *P.&H.Freshmn.Engr.*
Spencer, G. E., *Hd.Agr.E.*
Spitler, E. E., *Inst.M.E.*
Stanley, P. E., *P.Aero.E.*
Stene, J. K., *Inst.M.E.*
Stitz, E. O., *P.Eng.Sc.*
Stubbs, F. W., Jr., *P.C.E.*
Sunderland, J. E., *Inst.M.E.*
Thoma, E. C., *Assoc.P.C.E.*
Thomas, L. W., *Asst.P.Eng.Graphics*
Thompson, H. C., *Assoc.P.Graph.*
Thompson, R. P., *Inst. Engr. Graphics*
Tou, J. T. L., *Assoc.P.E.E.*
Touloukian, Y. S., *P.M.E.*
Trabant, E. A., *P.&Hd.Eng.Sci.*
Waling, J. L., *P.Struc.Engr.*
Wang, J. T., *Res.Asst.C.E.*
Wark, K., Jr., *Asst.P.M.E.*
Warner, C. F., *P.M.E.*
Wellman, E. J., *Assoc.P.M.E.*
Wheelock, E. E., *Inst.I.E.*
Wiley, R. B., *P.&H.C.E.Emeritus*
Wilke, H. R., *Assoc.P.S.E.*
Witzell, O. W., *Assoc.P.M.E.*
Wood, L. E., *Asst.P.C.E.*
Woods, K. B., *P.&Hd.C.E.*
Young, H. H., *Assoc.P.I.E.*
Zucrow, W. J., *P.GasTurb.&JetProp.*

Michigan City

Purdue University Extension

Schwarz, R. F., *Dir.*

Mitchell

Huckert, J., 507 N. 8th St.

Notre Dame

University of Notre Dame

Ackert, H. P., *Assoc.P.&H.Dr.*
Altman, H. S., *Inst.Dr.*
Daniel, L., *Assoc.P.Dr.*
DeCicco, M. A., *Asst.P.M.E.*
Delich, M., *Asst.P.M.E.*
Drake, C. C., *Engr.Libr.*
Egry, C. R., *P.I.E.&M.E.*
Ellithorn, H. E., *P.&H.E.E.*
Foecke, H. A., *Asst.P.E.E.*
Goglia, M. J., *Dn.Engr.*
Graves, L. D., *Assoc.P.C.E.*
Hodes, I., *Asst.P.E.E.*
Hoffman, C. H., *Asst.P.E.E.*
Jerger, E. W., *Assoc.P.M.E.*
Kolupaila, S., *P.C.E.*
McCarthy, J. A., *P.C.E.*
McCollum, R. C., *Instr.E.E.*
Newman, M. K., *P.&H.M.E.*
Peach, M. O., *Assoc.P.E.Mech.*
Peretti, E. A., *P.&Ac.Hd.Met.*
Raven, F. H., *Asst.P.M.E.*
Schubmehl, R. J., *P.&DeanE.Mech.*
Shilts, W. L., *P.&H.C.E.*
Stauder, L. F., *Assoc.P.E.E.*
Stevason, C. C., *Assoc.P.M.E.*
Thier, S. R., *Inst.Eng.Draw.*
Thomas, S. S., *Asst.P.M.E.*
Turner, W. W., *P.Emer.E.Dr.*
Wilhelm, E. J., *Assoc.P.Ch.E.*

Richmond

Schiewe, A. J., 602 Richmond Ave.

Terre Haute

Rose Polytechnic Institute

Arthur, R. M., *Asst.P.C.E.*
Bankoff, S. G., *P.&Hd.Ch.E.*
Baughman, N. E., *Assoc.P.Eng.Draw.*
Bennett, C. W., *Lib.*
Bloxsome, J. L., *HeadEngl.&Hts.*
Demeter, J., *Inst.C.E.*
Duwelius, T. A., *Assoc.P.C.E.*
Eckerman, E. H., *P.M.E.*
Hooper, I. P., *HeadM.E.*
Knudsen, O. M., *P.&H.Chem.*
MacLean, E. A., *P.&H.C.E.*
Matthews, J. B., *Inst.M.E.*
Moench, H. A., *DeanEng.&P.E.E.*
Palmer, T. P., *P.&H.Math.*
Pao, R. H. F., *Asst.P.C.E.*
Prentice, D. B., *Pres.Emeritus*
Ross, R. M., *P.Math.*
Smith, P. D., *Asst.P.E.E.*

Stock, O. L., *P.Em.Dr.&Des.G.*
Tinker, R. N., *Asst.P.Engr.Dr.*
Vater, G. A., *Asst.P.E.E.*
White, J., *P.Emer.Ch.*
Wischmeyer, C., *P.M.E.Retired*

Valparaiso

Hussong, H. L., R.R. 4
Parsons, J. W., *Dir.EmployeeRel.*, McGill Mfg. Co., Inc.

Valparaiso Technical Institute

Hershman, G. E., *Registrar*
Knudsen, A. R., *Inst.Math.&RadioEng.*
Peaslee, W. D., *Pres.*

Valparaiso University

Bolden, D. I., *Assoc.P.C.E.*
Hesse, H. C., *Dean*
Isbell, R. L., *Asst.P.M.E.*
Kruger, F. W., *Assoc.P.M.E.*
Lehmann, G. M., *Asst.P.C.E.*
Luecke, E. J., *Asst.P.E.E.*
Mortimer, K., *Assoc.P.M.E.*
Peller, C. G., *Assoc.P.C.E.*
Shewan, W., *Assoc.P.&Chm.E.E.*
Uban, E. C., *Asst.P.M.E.*
Uban, M. W., *P.E.*
Vocke, M. C., *Asst.P.E.E.*
Weston, E. E., *Asst.P.E.E.*
Yunghans, C. E., *Asst.P.E.E.*
Zoss, L. M., *Asst.P.M.E.*

Universal Scientific Co.

Crow, L. R., *Pres.*
Vargo, J. E., *Ed.Dir.&Gen.SalesMgr.*

Washington

Gregory, D. R., *Col.Repr.*, International Textbook Co.

Whiting

Standard Oil Company (Indiana)

Birkness, H. A., *Sr.Proj.Supr.*
Gitzendanner, F. A., *Assoc.Dir.Res.*

IOWA

Ames

Olson, O. A., O. A. Olson Mfg. Co.

Iowa State College

Almfeldt, M. W., *Assoc.P.E.Dr.*
Anderson, E. W., *Hd.Aero.Engr.*
Ayres, Q. C., *Pat.Mgr.&P.Agr.E.*
Barnes, K. K., *P.Agric.E.*
Beresford H., *P.&H.Ag.E.*
Beyer, G. H., *Assoc.P.Ch.E.*
Black, H. M., *P.&H.M.E.*
Boast, W. B., *P.&H.E.E.*
Bolton, J. H., *Editor.Engr.Exp.Sta.*
Boylan, D. R., *P.Ch.E.*
Breckenridge, R. W., *Assoc.P.M.E.*
Buhl, H. R., *Asst.P.M.E.*
Bullinger, C. E., *P.I.E.*
Burnet, G., Jr., *P.Ch.E.*
Cassell, W. L., *P.E.E.*
Caughey, R. A., *P.C.E.*
Chamberlin, S. J., *P.T.&A.M.*
Cleghorn, M. P., *P.M.E.*
Coover, M. S., *Admin.Asst.Eng.*
Cowles, H. A., *Assoc.P.I.E.*
Csanyi, L. H., *P.C.E.*
Dana, F. C., *P.I.E.*
Davidson, D. T., *P.C.E.*
Davis, A. W., *P.T.&A.M.*
Dodd, C. M., *P.&H.Cer.E.*
Fahien, R. W., *Assoc.P.Ch.E.*
Fellinger, R. C., *Assoc.P.M.E.*
Foster, C., *Inst.Eng.Dr.*
Fox, G. W., *P.&Hd.Physics*
Freeman, R. L., *Assoc.P.M.E.*
Fuller, A. H., *P.EmeritusC.E.*
Gilkey, H. J., *P.T.&A.M.*
Glower, D. D., *Asst.P.Engr.Dr.*
Hausrath, A. H., III, *T.&A.M.*
Hillyard, L. R., *E.Pers.Off.&P.I.E.*
Hinrichsen, J. J. L., *P.&Hd.Math.*
Hulsbos, C. L., *P.C.E.*
Humphrey, J. E., *Assoc.P.Engl.&Sp.*
Jensen, E. N., *P.Phy.*
Jones, W. P., *P.Engl.*
Kreider, O. C., *Assoc.P.Math.*
Larson, M. A., *Asst.P.Chem.E.*
Lee, D. J., *Inst.E.Dr.*
Millett, M. L., Jr., *Assoc.P.Aero.E.*
Morford, V. J., *P.Ag.Engg.*
Murphy, G., *P.&Hd.T.&A.M.*
Nilsson, J. W., *Asst.P.E.E.*
Ohlsen, E. H., *P.T.&A.M.*
Oleson, K. S., *Asst.P.Engr.Exten.*
Patterson, R. E., Jr., *Assoc.P.Eng.Ext.*
Peterson, A. C., *Assoc.P.T.&A.M.*
Ratterree, W. B., *Asst.P.T.&A.M.*
Rising, J. S., *P.&Hd.Engr.Gr.*
Rogness, M. L., *Asst.P.E.Dr.*
Sanders, C. G., *Asst.P.E.Dr.*
Senne, J. H., Jr., *Asst.P.C.E.*
Serovy, G. K., *Assoc.P.M.E.*
Smutz, M., *P.&Hd.Chem.Eng.*
Spangler, M. G., *Res.P.C.E.*
Stuve, F. W., *Asst.P.AeroE.*
Town, G. R., *Dean*
Uhrig, R. E., *Assoc.P.Nucl.Engr.*
Ustrud, H. O., *Asst.P.C.E.*
Walkup, J. K., *P.&H.I.E.*
Webber, H. A., *P.Ch.E.*
Wilder, D. R., *Assoc.P.Cer.Engr.*
Willis, B. S., *Assoc.P.E.E.*
Wolf, L., *P.&Hd.Arch.&Arch.E.*
Young, D. F., *Assoc.P.T.&A.M.*

Cedar Rapids

Meyer, F. H., *Inst.Engr.Gr.*

Danville

Enburg, J. T., R.R. No. 1, Box 55

Davenport

St. Ambrose College

Boyd, H. S., *Assoc.P.Engr.*

Des Moines

Fischer, R. J., *Gen.Pers.Supv.*, N.W. Bell Telephone Co.

Forest City

Waldorf College

Holmen, H. E., *Inst.Ind.Arts*

Grinnell

Grinnell College

Gale, G. O., *P.Physics*

Indianola

Simpson College

Rumble, C. A., *Hd.Physics, Chm. Faculty*

Iowa City

State University of Iowa

Alton, E. D., *Asst.P.E.E.*
Ashton, N. L., *P.C.E.*
Beckett, R. E., *Assoc.P.Mechs.&Hydr.*
Betterley, M. L., *P.Dr.*
Covert, R. P., *Inst.M.E.*
Dawson, F. M., *Dean*
Deegan, J. W., *P.Ind.Eng.,Chm.M.E.*
Dooge, J. C. I., *Inst.C.E.*
Higbee, F. G., *P.Dr.Emer.*

Howe, J. W., *P.&H.Mech.&Hyd.*
Hubbard, P. G., *Assoc.P.Mech.&Hydr.*
Hudson, W. R., *Assoc.P.Ind.&Mgt.Engr.*
Jessup, B. A., *Instr.E.E.*
Kammermeyer, K., *P.&Hd.,Ch.E.*
Kattchee, N. N., *Instr.M.E.*
Knowler, L. A., *Chmn.Math.&Astr.*
Kurtz, E. B., *P.&H.E.E.*
Lloyd-Jones, R., *Inst.Tech.Writing*
Lundquist, E. C., *P.M.E.*
Macagno, E. O., *VisitingRes.E.*
Mack, L. R., *Asst.P.Mech.&Hydraul.*
Madsen, D. H., *Assoc.P.M.E.*
McCauley, H. W., *Assoc.P.C.E.*
Morgan, P. F., *P.San.E.*
O'Mara, J. J., *Assoc.P.C.E.*
Osburn, J. O., *P.Ch.E.*
Parden, R. J., *Grad.Asst.I.E.*
Posey, C. J., *P.Hydr.&Struc.Eng.&H.C.E.*
Rising, E. J., *Inst.Mech&Hydraulics*
Rouse, H., *Dir.Hyd.Lab.*
Russ, J. M., *P.&Hd.E.Dr.*
Rutz, L. O., *Asst.P.Ch.E.*
Ryerson, F. E., *Asst.P.Engl.*
Schneider, G. R., *Assoc.P.Mechs.&Hydr.*
Spencer, D. L., *Asst.P.M.E.*
Streib, W. J., *Asst.P.E.E.*
Trummel, J. M., *Asst.P.M.E.*
Wheeler, R. J., *Inst.C.E.*

Mount Vernon

Cornell College

Davis, W. M., *P.Math.&Eng.*

Sioux City

Morningside College

Gwinn, I. J., *Assoc.P.Phys.;Col.Registrar*

Spillville

Kovarik, A. F., *P.Emer.Physics*, P. O. Box 2

KANSAS

Fredonia

Long, J. D., 215 South 8th St.

Kansas City

Darby, H., *Chrmn.Bd.*, Darby Corp.
Owen, C. V., *AreaEng.*, Asphalt Institute
Sullivan, T. E., *Dir.Pre.Eng.*, Rockhurst College

Kansas City Jr. College

Bennett, J. L., *M.E.*
Bird, J. P., *Inst.Eng.*

Lawrence

Metzler, D. E., 1133 Emery Road

University of Kansas

Albrecht, W. P., *P.&Chm.English*
Andes, A. S., *Chrm.Aero.E.*
Appel, D. W., *Assoc.P.Appl.Mech.*
Baer, C. J., *Assoc.P.E.Dwg.*
Barenberg, E. J., *Asst.P.C.E.*
Barnett, J. L., *Instr. Eng.Draw.*
Beal, G. M., *Dir.U.Build.Prog.;Hd.Arch.& Arch.E.*
Bockhorst, D. F., *Inst.Draw.*
Bradshaw, G. W., *P.&H.C.E.*
Brown, F. L., *P.Mech.*
Carr, T. D., *Consultant*
Crosier, C. M., *Assoc.P.C.E.*
Dean, D. L., *Assoc.P.C.E.*
Deemer, K. C., *P.&Chr.Apl.Mech.*
Dubensky, R. G., *Inst.M.E.*
Duncan, W. B., *Inst.Arch.*
Forman, G. W., *Asst.P.M.E.*
Haight, H. W., *Inst.Appl.M.*
Haines, D. D., *Assoc.P.C.E.*
Hausman, P. G., *P.&Chm.Mfg.Proc.*
Hood, G. J., *P.Emer.E.Dr.*
Kipp, H. L., *P.M.E.*
Kurata, F., *P.Ch.E.*
Lenzen, K. H., *Assoc.P.App.Mech.*
Lindquist, E. G., *Assoc.P.M.E.*
Maloney, J. O., *P.&H.Ch.E.*
McBride, E. J., *P.&Chair.M.E.*
McClure, J. D., *Inst.Appld.Mech.*
McMahon, T. F., *Asst.P.C.E.*
McNown, J. S., *DeanofEngr.*
Mesler, R. B., *Assoc.P.Ch.E.*
Nemecek, I. V., *Assoc.P.M.E.*
O'Connell, J. G., *Inst.Arch.E.*
Page, R. T., *Assoc.P.San.E.*
Palmerlee, A. S., *P.&Chm.E.Dr.;H.Fresh. Adv.*
Paul, A. N., *Assoc.P.M.E.*
Preston, F. W., *Assoc.P.Petrol.E.*
Ring, R. S., *Inst.Eng.Dr.*
Rose, K. E., *P.&H.M.&M.E.*
Rust, H. O., *Asst.Man.Proc.*
Sharma, N. K., *Inst.AppliedMechs.*
Smith, W. B., *P.&Chm.E.E.*
Strode, W., *Assoc.P.Arch.&Arch.Eng.*
Tait, R. S., *Assoc.P.M.E.*
Tiedeman, J. B., *Assoc.P.Aero.E.*
Umholtz, R. C., *Asst.P.M.E.&E.Dr.*
Walas, S. M., *Assoc.P.Ch.E.*
Warfield, J. N., *Assoc.P.E.E.*
Weinaug, C. F., *P.&Ch.Pet.E.*
Wilson, B., *Asst.P.AppliedMechs.*

Manhattan

Kansas State College

Ball, H. D., *Inst.M.E.*
Bates, H. T., *Assoc.P.Ch.E.*
Benjamin, I. A., *Inst.C.E.*
Brainard, B. B., *P.M.E.*
Carlson, W. W., *P.Emer.Ind.E.&Ind.Arts.*
Clack, R. W., *Inst.Chem.E.*
Cottom, M. C., *Asst.P.E.E.*
Conrad, L. E., *P.EmeritusC.E.*
Crank, R. E., *Asst.P.M.E.*
Crary, J. F., *Asst.P.Ap.Mech.*
Creech, T. F., *Inst.AppliedMech.*
Duncan, A. H., *P.M.E.*
Durland, M. A., *Dean,D.&P.M.Des.*
Ehlers, L. E., *Inst.AppliedMechs.*
Fairbanks, G. E., *P.Agr.E.*
Flinner, A. O., *P.M.E.*
Funk, M. L., *C.E.*
Gregory, P. C., *Inst.M.E.*
Halijak, C. A., *Assoc.P.E.E.*
Hall, R. C., *Asst.P.Chem.E.*
Heagler, R. B., *Inst.Applied Mechs.*
Helander, L., *P.M.E.*
Hite, S. C., *Hd.Chem.Eng.*
Hobson, L. S., *P.Exp.St.*
Honstead, W. H., *P.Ch.E.*
Hunt, O. D., *P.E.E.*
Kerchner, R. M., *P.&H.E.E.*
Kimel, W. R., *P.&Hd.NuclearEngr.*
Kipp, J. E., *Asst.P.Appl.Mech.*
Kirmser, P. G., *P.Mech.*
Larson, G. H., *P.&Hd.Agr.E.*
Lipper, R. I., *Asst.P.Agr.E.*
McCormick, F. J., *P.Mech.*
McEntyre, J. G., *P.C.E.*
Messenheimer, A. D., *Inst.M.Des.*
Messenheimer, A. E., *Asst.P.M.Des.*
Morse, R. F., *P.&H.C.E.*
Munger, H. H., *Assoc.P.Appl.Mech.*
Nevins, R. G., *HeadM.E.*
Pattison, F., *P.M.E.*
Potter, R. C., *Assoc.Dean,P.M.E.*
Raville, M. E., *Assoc.P.Appl.Mech.*
Robohn, W. F., *Asst.P.C.E.*
Rosebraugh, V. H., *Assoc.P.C.E.*
Scholer, C. H., *P.Mech.*
Seaton, R. A., *Applied Mechs.*
Sellers, G. A., *P.&H.Ind.Eng.&Ind.Arts*
Shaw, R. N., *Inst.C.E.*
Shupe, J. W., *Assoc.P.Appl.Mech.*
Sieh, W. D., *Asst.P.M.E.*

Singleton, L. W., *Assoc.P.Appl.Mech.*
Sitz, E. L., *P.E.E.*
Smith, Bob, *Asst.P.C.E.*
Smutz, F. A., *P.Dr.&Des.G.*
Snell, R. R., *Inst.C.E.*
Stevenson, P. N., *Assoc.P.Agr.Engr.*
Taylor, D. C., *P.Applied Mechs.*
Thorson, I. E., *Assoc.P.Arch.*
Tripp, W., *P.M.E.*
Ward, H. T., *Hd.Ch.E.*
Ward, J. E., Jr., *Assoc.P.E.E.*
Weigel, P., *P.&H.Arch.*
Wirtz, L. A., *Asst.P.E.E.*
Wood, J. N., *P.M.Des.*
Zachariah, G., *Inst.Agr.E.*

Mission

Szczerbacki, S., 6003 W. 53rd Terr.

Olathe

Central Technical Institute

Garman, M. J., *Instr.*
Molby, L. H., *Inst.*

Overland Park

Hold, J., *Supv.Draft.Eng.Plant*, Westinghouse Electric

Pittsburg

Holt, J., 1913 South Elm
Snyder, W. E., 5208 West 80th Street

Wichita

Campbell, G. F., *Owner,Consult.Engr.*
Hippe, R. W., 2036 S. Pinecrest
Johnson, C. M., 5739 Sullivan Rd.
Lewis, W. B., 544 S. Glendale

Boeing Airplane Co.

Jackson, W., *Assoc.Engr.*
Kuhns, J. L., *Ed.Coord.,Eng.Dept.*

University of Wichita

Albright, P. S., *H.Phys.*
Aldrich, B. M., *P.M.E.*
Arehart, L. E., *Inst.M.E.*
Bernhart, W. D., *Inst.C.E.*
Brandenburg, P. F., *Asst.P.M.E.*
Butler, E. H., *Asst.P.I.E.*
Chambers, A. G., *Lect.Eng.Draw.*
Cook, E. L., *Asst.P.Aero.E.*
Degler, H. E., *P.M.E.*
Dunn, J. W., *Assoc.P.&H.M.E.*
Graef, A. R., *Inst.E.Dr.*
Haines, F. D., *Asst.P.E.Draw.*
Hall, H. L., *Assoc.P.&H.I.E.*
Hamilton, H. B., *Hd.&Asst.P.M.E.*
Hanson, L. O., *P.Appl.Mech.*
Murphy, A. T., *Asst.P.&Hd.E.E.*
Pfeffer, C. B., *Asst.P.E.Dr.*
Puderbaugh, H. L., *Asst.P.E.Dr.*
Rastrelli, L. U., *H.C.E.*
Razak, C. K., *Dean;Dir.ofEng.Res.*
Risser, A. C., *H.E.Draw.*
Ruptash, J., *P.Aero.E.*
Schrag, R. L., *Assoc.P.E.E.*
Shockley, C. A., Jr., *Inst.Applied Mechs.*
Simons, W. A., *Asst.P.Eng.Draw.*
Simpkin, William E., *Asst.P.AeroE.*
Snyder, M. H., Jr., *P.&Act.Dn.Engr.*
Wattson, R. K., Jr., *ChiefE.,E.Res.*
Zook, W. W., *Asst.P.&Act.Hd.I.E.*

KENTUCKY

Ashland

Pena, I. R., *Assoc.P.Chem.Engrg.*, 1812 Hilton Ave.

Lexington

Fairman, F. I., *V.P.Cust.Serv.&Adv.*, Ky. Utilities Co.
Leggett, J. L., Jr., *Partner*, Leggett & Irvan Cons. Engrs.
Toben, B. E., *Mgr.Engr.Lab.*, Electric Typewriter Div., International Business Machines Corp.

University of Kentucky

Allison, N. B., *P.E.E.*
Baker, M., *Ex.Dir.Ky.Res.Fdn.*
Barber, W. J., *Assoc.P.Appl.Mech.*
Barnett, B., *Assoc.P.E.E.*
Blythe, D. K., *Hd.C.E.*
Carter, W. M., *P.M.E.*
Chambers, A. L., *Assoc.P.C.E.*
Cheek, F. J., *P.C.E.*
Crouse, C. S., *Hd.Emer.Min.&Met.*
Daily, H. J., *Asst.P.E.E.*
Elsey, E. E., *P.E.Res.*
Gesund, H., *Asst.P.C.E.*
Graham, P. J., *Asst.P.E.E.*
Hite, S. C., *P.&Hd.Ch.E.*
Hawkins, R. D., *Head,G.E.*
Hoffmann, C. K., *P.Engr.Dwg.*
Jackson, J. S., Jr., *Asst.P.E.E.*
Kinard, D., *P.&H.Agr.Eng.*
Lange, K. O., *P.&Dir.*, Wenner Gren Aero. Res. Lab.
Maney, C. T., *E.E.*
Marshall, M. K., *Asst.P.M.E.*
Martin, G. K., *Asst.P.G.E.*
Maynor, H. W., Jr., *Assoc.P.Min.&Met.*
Parker, B. F., *Assoc.P.Agr.E.*
Pendley, L. C., *Asst.P.C.E.*
Penrod, E. B., *P.&Hd.M.E.*
Romanowitz, H. A., *P.&H.E.E.*
Smith, G. E., *Inst.E.E.*
Shaver, R. E., *DeanEng.*
Spokes, E. M., *P.Min.E.*
Swift, R. F., *P.Min.Eng.*
Terrell, D. V., *Dn.Emer.Engr.*
Walton, W. W., Jr., *Assoc.P.M.E.*
Young, E. R., *Assoc.P.Ag.E.*

Louisville

Derry, Stephan A., *Pres.*, Derry Engineers
Eyermann, L. M., *Teach.Math.*, duPont Manual H. S.
May, J. W., *Dir.Tech.Train.*, Amer. Air Filter Co., Inc.

University of Louisville

Ayers, J. A., *P.&H.Engl.*
Barnes, A. H., *Asst.Proj.*
Chen, A. T., *Inst.Math.*
Chetrick, M. H., *Dir.Research;Chem.Engr.*
Ernst, R. C., *DeanSpeedSci.Sch.*
Fenwick, H. H., *P.E.Gr.*
Fields, R. I., *Assoc.P.Math.*
Fife, S. T., *P.E.E.*
Fisher, S. E., *P.-Asst.toDean;Hd.Co-op.&Pl.*
Forsberg, H. C., *Asst.P.Ch.E.*
Gerhard, E. R., *Assoc.P.&Act.Hd.Ch.E.*
Heer, J. E., *Assoc.P.C.E.*
Houchens, J. M., *Registrar*
Jenkins, L. B., Jr., *Asst.P.E.E.*
Lutz, P. C., *Inst.Eng.Draw.*
McIntosh, W. R., *P.&H.C.E.*
Northrop, M. G., *H.&P.E.E.*
Paul, E. W., *Hd.SocialHum.*
Simester, J. H., *P.&H.Math.*
Smith, H. T., *Asst.P.E.E.*
Snowden, J. R., *Asst.P.C.E.*
Spalding, S. C., Jr., *Assoc.P.Ch.E.*
Walker, M., *P.Engl.*
Walters, R. E., *Inst.Math.*
Wendt, W. B., *P.EmeritusC.E.*
Williams, G. C., *P.&H.Ch.E.*
Wittig, C. O. G., *P.&Hd.,M.E.*
Wolfe, J. L., *Inst.Dwg.*
Zucker, R. D., *Asst.P.Mech.Engr.*

Winchester

Butler, J. H., R.R. 1

LOUISIANA

Baton Rouge

Larue, F. L., Jr., P.O. Box 8382
Mentz, P. S., *Tech.Serv.Engr.*, Ethyl Corp.
Watkins, P. H., 9047 Airline Hwy.
Watts, C. T., *Asst.Dir.*, Louisiana State Dept. of Public Works

State University of Louisiana

Barr, H. T., *H.Agr.E.*
Best, C. R., *Asst.P.Eng.Mech.*
Blanche, J. G., *Asst.P.M.E.*
Carroll, F. T., Jr., *Dir.U.Col.;Assoc.P.M.E.*
Carter, W. H., *P.Agr.Eng.*
Carver, D. R., *Head, Engrg.Mech.*
Coates, J., *P.&H.Chem.Eng.*
Conner, J. S., *Assoc.P.Dir.*
Covington, B. J., *Assoc.P.C.E.*
Craft, B. C., *P.&Hd.Pet.E.*
Crum, F. M., *Asst.P.E.E.*
DeMarche, J. M., *Asst.P.C.E.*
Dixon, D. P., *P.&Hd.Dr.*
Fenn, F. H., *DeanofEngr.;P.ofMech.*
Ferguson, G. R., III, *Asst.P.C.E.*
Germano, F. J., *Hd.C.E.*
Haver, N. A., *H.Ind.Educ.*
Jones, E. R., Jr., *Asst.P.M.E.*
Lassalle, L. J., *D.Emer.*
Lowe, T. M., *P.Hydr.Engr.*
Manning, T. A., Jr., *Inst.Engr.Mechs.*
Matthes, G. F., *P.&H.E.E.*
McLean, L. V., *P.E.E.*
Pressburg, B. S., *P.Ch.E.*
Reed, M. B., *Assoc.P.E.E.*
Simon, G. H., *P.M.E.*
von Rosenberg, D. U., *Asst.P.Chem.E.*
Voorhies, M. B., *P.E.E.,Asst.D.*
Wintz, W. A., Jr., *Assoc.P.C.E.*

Lafayette

Southwestern Louisiana Institute

Averitt, W. K., *Assoc.P.Ch.E.*
Boudreaux, F. J., *Assoc.P.E.E.*
Cambre, R. J., *P.&Hd.G.E.*
Chieri, P. A., *P.&H.M.E.*
Clark, T. D., Jr., *Asst.P.M.E.*
Domingue, E., *Asst.P.C.E.*
Grove, A. W., *Assoc.P.E.E.*
Hughes, G. G., *DeanEng.Emeritus*
Jenkins, R. E., *Assoc.P.M.E.*
Loflin, Z. L., *P.&H.Math.*
Repscha, A. H., *P.M.E.*
Schoeffler, A. W., *Asst.P.C.E.*
Szabo, A. J., *Assoc.P.C.E.*
Troxler, J. R., *Assoc.P.M.E.*
Wallace, W. P., *P.C.E.*
Wallis, H. C., *Asst.P.G.E.*
Zur Burg, F. W., *DeanEng.*

Monroe

Wheeler, W. A., Adams Paper Converting Co.

New Orleans

Sessums, R. T., *Asst.toV.P.*, Freeport Sulphur Co.

Tulane University

Bailey, R. V., *Hd.Chem.E.*
Blessey, W. E., *P.C.E.*
Cronvich, J. A., *P.&Hd.E.E.*
Dalia, F. J., *Asst.P.C.E.*
Dessauer, W. E., *Asst.P.inChargeE.Dr.*
Drake, R. L., *Asst.P.E.E.*
Dunlap, A. L., *P.M.E.*
Fox, F. H., *P.C.E.*
Gadsden, C. P., *Asst.P.E.E.*
Gilkeson, M. M., *Assoc.P.Ch.E.*
Harris, E. H., *Assoc.P.M.E.*
Hill, A. M., *P.&H.M.E.*
Johnson, L. H., *DeanE.*
Marsh, I. A., *Asst.P.M.E.*
Martinez, J. L., *Asst.Dn.*
Mayer, J. K., *P.M.E.*
Peebles, J. H., Jr., *Assoc.P.M.E.*
Powell, R. O., *Inst.M.E.*
Ricker, C. W., *P.Emer.E.E.*
Robert, J. M., *DeanEmeritus*
Roppolo, J. P., *Assoc.P.English*
Rotty, R. M., *P.&Hd.M.E.*
Sperry, C. J., *Asst.P.E.E.*
Taylor, F. M., *P.Ch.E.*
Tucker, W. T., III, *Asst.P.M.E.*
Vliet, D. H., *Assoc.P.E.E.*
Webb, G. W., *Asst.P.E.E.*

Ruston

La. Polytechnic Institute

Atkinson, H. W., *Asst.P.C.E.*
Barnwell, J. H., *P.M.E.*
Bogard, B. T., *DeanEngrg.*
Calhoun, J. D., *Assoc.P.M.E.*
Chew, W. W., *P.&H.Ch.E.*
Chumley, J. G., *Assoc.P.G.E.*
Daniel, L. R., *P.M.E.*
Duchesne, R. C., *Asst.P.C.E.*
Edwards, C. H., Jr., *Assoc.P.C.E.*
Henry, H. L., Jr., *P.M.E.&H.G.E.*
Johnson, D. L., *P.&Hd.E.E.*
Johnson, M. R., Jr., *P.E.E.*
McDow, J. J., *Prof.&Hd.Agr.Engr.*
McKee, A. G., *Asst.P.G.E.*
Newell, R. H., *Asst.P.E.E.*
Orr, V., *P.Chem.E.*
Ramsaur, J. C., *Asst.P.G.E.*
Rostron, C. R., *Asst.P.C.E.*
Roy, F. C., *Asst.P.M.E.*
Smith, R. A., *Hd.C.E.*
Tarbutton, J. S., *Assoc.P.E.E.*
Thigpen, A. C., *P.E.E.;Asst.toDeanEng.*
Thigpen, J. J., *P.&H.M.E.*
Trammell, G. J., *Assoc.P.M.E.*
Wynn, R. S., *P.E.E.*

Shreveport

Barry, L. C., *DistributionDesignEngr.*, Southwestern Gas and Electric Company

Centenary College of Louisiana

Parker, E. M., *Assoc.P.App.Sc.*

MAINE

Canaan

Farnham, W. E., *P.Emert.Eng.Dr.*, Tufts University

Camden

Breed, C. B., *Prof.Emeritus*, M.I.T.

Orono

University of Maine

Beamesderfer, J. W., *P.&Hd.Chem.*
Bennett, C. E., *P.&H.Phys.*
Biscoe, J., *P.Phys.*
Boardman, H. S., *Pres.Em.*
Bondurant, B. L., *Hd.Agric.E.*
Bowles, L. W., *Inst.E.E.*
Buzzell, J. C., Jr., *Inst.Engr.Graphics*
Calkins, J., *Inst.M.E.*
Chapman, B. R., *Inst.M.E.*
Clark, L. E., *Inst.M.E.*
Clifford, G. E., *Asst.P.M.E.*
Cloke, Paul, *DeanEmer.*
Crabtree, K. G., *P.E.E.*
Creamer, W. J., *P.&H.E.E.*
Crosby, H. A., *Inst.E.E.*
Deming, D. E., *Asst.P.M.E.*
Evans, W. S., *Dn.*
Grant, D. A., *Inst.M.E.*
Hill, R. C., *Assoc.P.M.E.*
Howell, C. M., *P.Ch.E.*

Huntington, D. H., *Asst.DeanAgric.*
Jenness, L. C., *H.Ch.E.*
Kelso, E. A., *Asst.P.Eng.Graphics*
Kimball, S. H., *P.&H.Math.*
Libby, W. M., *Assoc.P.E.E.*
Lyman, J. R., *Assoc.P.M.E.*
MacFarland, H. T., *Asst.P.E.E.*
McNeary, M., *P.&H.Engr.Graphics*
Otto, C. E., *Assoc.P.Chem.*
Parsons, K. L., *Assoc.P.E.E.*
Prageman, I. H., *P.M.E.*
Rhoads, R. B., *Assoc.P.Agr.E.*
Ryckman, S. J., *P.C.E.*
Sparrow, T. A., *P.M.E.*
Sproul, O. J., *Asst.P.C.E.*
Sullivan, F. J., *Assoc.P.M.E.*
Taylor, F. M., *Assoc.P.C.E.*
Todd, F. H., *Asst.P.Phy.*
Turner, W. W., *Assoc.P.E.E.*
Wadlin, G. K., Jr., *Assoc.P.&Hd.C.E.*
Watson, H. D., *P.&H.M.E.*
Weidhaas, E. R., *Assoc.P.E.Graph.*
Westfall, C. Z., *Asst.P.Eng.Gr.*

Sheepscott

Donnell, P. S.

Thomaston

Lambe, E. P., *P.PhysicsEmer.*, Pratt Inst.

Waterville

Boardman, H. S., *Pres.Emeritus*

MARYLAND

Aberdeen Proving Ground

Jackson, D. C., Jr., *Sci.Educ.Adv.*, Ball. Res. Labs.
Shaughnessy, T. E., *Ed.Advisor*

Annapolis

U. S. Naval Academy

Bock, A. E., *P.MarineE.*
Daley, J. L., *P.E.E.*
Estelle, W. E., *Asst.P.E.E.*
Fowler, C. A., III., *Assoc.P.E.E.*
Gray, J. C., *P.RetiredE.E.*
Holme, J. M., *Assoc.P.Math.*
Howard, D. G., *P.E.E.*
Johnston, R. M., *Educ.Adv.MarineEng.*
Kay, W. K., *Assoc.P.E.E.*
Kells, L. M., *P.Emeritus,Math.*
Latham, R. F., *Assoc.P.Mar.E.*
Mann, L. R., *Asst.P.MarineEng.*
Thomas, O. M., *Assoc.P.Math.*
Thomson, E. W., *Sr.P.E.E.*

Baltimore

Boore, W. F., *Mgr.Anal.Div.Hq.ARDC*

The Martin Company

Connors, J. F., *Admr.Engr.&Sci.Educ.,Industrial Relations*
Dahlman, J. E., *CollegeRel.Rep.*
Guess, A. L., *Sr.Eng.Prd.Des.*
Hollyday, J. M., *Mgr.*
Kaufman, J. J., *Prod.Mgr.*
Kee, W. A., *ChiefLib.E.*
Krajovic, J. J., *Coord.,CollegeRel.*
Reed, D. S., *Coop.Coord.Employ.*

Westinghouse Electric Corp.

Hadfield, R. W. M., *Proj.Engr.*
Johnston, A. M., *Supv.LaborRelations*
McClay, C. H., *StaffEngr.*

Johns Hopkins University

Christie, A. G., *P.M.E.Emeritus*
Davidson, H. O., *Chmn.,TargetsGroup, Opera.Res.Office*
Hoelscher, H. E., *P.&Chm.Ch.E.*
Hubbard, T. F., *P.C.E.*
Huggins, W. H., *P.E.E.*
Kerr, R. B., *Inst.E.E.*
Larsen, T., *Asst.P.E.E.*
Roy, R. H., *P.&Chr.Ind.E.&Dean*
Weger, E., *Asst.P.Chem.E.*
Wolman, A., *P.S.E.*

Beltsville

U. S. Dept. Agric.

Carleton, W. M., *Asst.Chf.,Agr.E.Res.Div.*
McKibben, E. G., *Dir.Ag.E.Res.*

Bethesda

Lehman, L. G., *Elec.Des.Eng.*, Navy Dept., D.T.M.B.

Chevy Chase

Goetzenberger, R. L., *Educ.Cons.*, Minn.-Honeywell Regulator Co.

College Park

Buchanan, J. E., *Pres.*, The Asphalt Inst.
Coons, M. A., Litton Industries

University of Maryland

Allen, R. B., *Asst.Dean;P.C.E.*
Barber, E. S., *Assoc.P.C.E.*
Bonney, D. T., *P.Ch.E.*
Bryan, J. L., *Prof.&Hd.FireProt.*
Burgers, J. M., *ResearchProf.*
Corcoran, G. F., *P.&H.E.E.*
Cournyn, J. B., *Assoc.P.C.E.*
Duffey, D., *Assoc.P.Ch.E.*
Elkins, R. L., *Inst.M.Draw.*
Ginning, R. M., *Inst.E.E.*
Gohr, C. W., *Assoc.P.C.E.*
Gross, D. S., *Dir.WindTunnel*
Hayleck, C. R., Jr., *Assoc.P.M.E.*
Hennick, D. C., *Asst.P.M.E.*
Hodgins, L. J., *Assoc.P.E.E.*
Huff, W. J., *P.&Chmn.Ch.E.*
Hurlbrink, R. W., III, *Inst.M.E.*
Lepper, H. A., Jr., *P.C.E.*
Looney, C. T. G., *Hd.C.E.*
Mavis, F. T., *DeanEng.*
Otts, L. E., *P.C.E.*
Pennington, W. A., *P.Chem.E.*
Piper, H. W., *Asst.Prof.C.E.*
Ramer, J. D., *Librarian*
Reed, H. R., *P.E.E.*
Ritchie, M., *Libr.*
Rovelstad, H., *Dir.Lib.&P.Lib.Sci.*
Sherwood, A. W., *P.&HeadAero.E.*
Small, E. H., *Assoc.P.E.E.*
Thompson, D. G., *Inst.E.E.*
Wedding, P. A., *Assoc.P.C.E.*
Weske, J. R., *VisitingRes.P.Fl.Dyn.&Appl. Math.*
Wise, W. R., Jr., *Lect.M.E.*
Wockenfuss, W. A., *Asst.P.M.E.*
Younger, J. E., *P.&H.M.E.*

Dorchester Co.

Lohr, W. S., East New Market

Easton

Tilghman, H., *Counselor-at-Law*, P. O. Box 707

Fort George G. Meade

Boucher, R. X., *Train.Off.*, Nat'l Security Agency

Glen Burnie

Fuller, L. C., 425 Old Annapolis Road, Marley Park

Kensington

Erickson, F. K., Sr., *San.Engr., DSES,* U. S. Public Health Service
Petrie, G. W., 9700 Elrod Rd.

Lothian

Gerde, C. S., *Asst.ChiefNav.Engr.,* U. S. Coast Guard

Patuxent River

Ocker, E. H., *Ind.Rel.Officer,* Naval Air Test Center

Rockville

McNeeley, F. J., *Eng.Gen.Supv.,* National Security Agency

Silver Spring

Ettinger, H. J., *Asst.Sanit.Engr.,* Inst. of Health
Melvin, E. A., 9620 Lorain Ave.
Petrie, Dr. G. W., 9700 ElRod Rd., Rock Creek Hills

Naval Ordnance Laboratory

Starnes, D. E., *Chf.Tr.Div.*
Vogt. C. C., *Mining Engrg.*

Montgomery Junior College

Deyo, D. E., *Dean*

MASSACHUSETTS

Amherst

University of Massachusetts

Agarwal, P. D., *Assoc.P.E.E.*
Bates, M. E., *P.M.E.*
Boyer, W. W., *Assoc.P.C.E.*
Carver, C. E., Jr., *Assoc.P.C.E.*
Costa, A. J., *Asst.P.M.E.*
Day, R. W., *Assoc.P.M.E.*
Doolan, R. J., *Dir.PittsfieldBranch*
Dittfach, J. H., *P.M.E.*
Duus, H. C., *Asst.P.Chem.E.*
Feng, T. H., *Assoc.P.C.E.*
Goldberg, M. H., *P.English*
Goodchild, I. L., Jr., *Inst.Chem.E.*
Grow, T. A., *Assoc.P.C.E.*
Higgins, G. R., *Asst.P.C.E.*
Keyser, C. A., *P.M.E.*
Kleis, R. W., *Hd.Agr.E.*
Kroner, K. E., *M.E.*
Langford, J. W., Jr., *P.E.E.*
Lindsey, E. E., *H.Chem.E.*
Longstaff, J. B., *Assoc.P.M.E.*
Madeira, A. P., *Inst.Engl.*
Marcus, J. S., *Assoc.,P.C.E.*
Marston, G. A., *Dean*
Mohn, J. W., *E.E.Dept.*
O'Byrne, J. M., *Asst.P.M.E.*
Osgood, E. C., *P.C.E.*
Powers, A. X., *Instr.Agric.E.*
Rosenberg, M. I., *Inst.E.E.*
Roys, C. S., *P.&Hd.E.E.*
Sharp, A. G., *Asst.P.C.E.*
Sobala, D., *Assoc.P.M.E.*
Spencer, J. H., *Inst.M.E.*
Weaver, W. H., *Hd.M.E.*
Weidmann, G. P., *Assoc.P.M.E.*
White, M. P., *Hd.C.E.*

Andover

Merrimack College

Burke, T. A., *Dir.Eng.*
Crawford, J. H., *DeanEng.*
Garrett, W. R., Jr., *Asst.P.C.E.*
Haskell, W. E., Jr., *Asst.P.C.E.*
Kirwin, G. J., *Asst.P.E.E.*
Longwell, W. F. M., *P.C.E.*
Mallon, A. H., *Asst.P.C.E.*
Satterthwaite, F. E., *Assoc.P.Math.*
Sullivan, J. F., *Chm.E.E.*

Arlington

Lawson, G. W., *Educ.Dept.,* Keuffel & Esser Co.

Belmont

Caseman, A. B., 35 Concord Ave., Apt. 1
Dawes, L. M., 104 Cross Street
Sanger, F. J., 76 Chester Road

Senior High School

Bettencourt, W., *Inst.M.Dr.*

Beverly

Record, F. A., *Eng.Spec.,* Bomac Lab.

Boston

Dahl, G. C., *Prof.Mgr.,* Jackson & Moreland, Inc.
Galvin, G. M., *DirectorofInst.Tech.Schools*
Hobson, J. E., *VicePres.,* United Fruit Co.
Jackson, N. E., *Engr.,* Camp, Dresser & McKee
Van Ham, L. A., *Hd.Draft,* Boston Tech. High Schl.

Boston College

Cronin, J. C., *Chmn.Ind.Mgmt.*
D'Avella, J. V., *Supr.Indus.Mgt.*
Guindon, W. G., *Chm.Physics*
Sheley, B. L., *DeanInd.Tech.*

Anderson Nichols & Co.

Ladd, R. E., *E.E.Res.Dev.*

New England Tel. & Tel. Co.

Dangelmayer, W. R., *Gen.Employ.Mgr.*
Keith, W. E., *Gen.Employ.&Tr.Supr.*

Stone and Webster Corp.

Feener, D. H., *Engr.*

Franklin Technical Institute

Adams, R. G., *Dn.DaySchl.*
Bowman, L., *Inst.Arch.&Hd.Photo.*
Collester, C. H., *Hd.English*
Humphries, P. H., *Hd.Elec.&Inst.E.E.& Bus.Law*
Mazzola, M. C., *Assoc.Dean*
Perry, W. H., Jr., *DeanStudents*
Thorogood, B. K., *Exec.Dir.,Ret.*
Wyman, H. J., *Inst.M.E.*

Northeastern University

Ahonen, C. O., *Assoc.P.Physics*
Alexander, W. T., *DeanEngr.*
Baker, C. P., *P.&H.Ch.E.*
Baird, C. O., *HeadC.E.*
Baird, H. S., *Asst.P.Physics*
Berry, C. H., *P.M.E.*
Blanchard, R. S., *Asst.P.M.E.*
Brown, H. K., *P.M.E.*
Bruehl, W. O., *Asst.P.M.E.*
Carter, R. I., *Inst.E.E.*
Cleveland, L. F., *Assoc.P.E.E.*
Cochrun, B. L., *Asst.P.E.E.*
Coleman, T. C., *Asst.P.C.E.*
Cook, E. M., *Assoc.P.Math.*
Cushman, O. F., *Assoc.P.Dr.*
de Rivera, H. L., *Lec.Math.*
Devine, J. J., *Assoc.P.Dr.*
Dolansky, L. O., *Assoc.Prof.Res.&Commun.*
Ell, C. S., *President*
Essigmann, M. W., *P.&Hd.E.E.*

Ferretti, A. J., *P.&Hd.M.E.*
Foster, A. R., *Assoc.P.M.E.*
Freeman, D. R., *Inst.Ind.E.*
Gorman, P. J., *Instr.Engr.Drwg.*
Gramstorff, E. A., *DeanGrad.E.*
Hankinson, G. W., *Asst.DeanEng.,Grad. Dir.*
Kates, R. J., Jr., *Inst.E.Dr.*
Kennedy, C. F., *Asst.P.Math.*
Keating, A. E., *P.&Chmn.Ind.E.*
Kreimer, B. L., *Asst.P.E.Dr.*
Lang, R. S., *Asst.P.Engr.Sci.*
Lenney, J. H., *Asst.P.C.E.*
MacDonald, G. G., *DeanStud.*
MacKenzie, D. H., *Dean*
Mackey, A. A., *Asst.P.Math.&Asst.Reg.*
Marchand, A. J., Jr., *Inst.M.E.*
Mavor, J. W., Jr., *Assoc.P.M.E.*
Melvin, H. W., *Dean,Stud.*
Meserve, G. H., *P.&H.Hist.&Art*
Mills, E. E., *Asst.P.M.E.*
Moody, R. H., *Lib.Dir.*
Morgan, J. C., *Assoc.P.Ch.E.*
Nordstrom, J. A., *Assoc.P.I.E.*
Patken, G., *Asst.P.I.E.*
Rochefort, J. S., *Assoc.P.E.E.*
Rook, G., *Assoc.P.Dr.;Chm.Mach.Dr.*
Ryder, K. G., *Dn.Adm.*
Sanderson, A. E., *Assoc.P.C.E.*
Seaverns, C. F., *Asst.P.E.Dr.*
Spear, J., *P.Math.*
Spencer, E. L., *Assoc.P.C.E.*
Stearns, F. A., *P.M.E.*
Stubbs, H. L., *P.Math.*
Tozer, E. F., *P.&H.Dr.*
Troupe, R. A., *Res.P.Chem.E.*
Truesdale, F. E., *Inst.Gr.Sci.*
Wallace, W., *Assoc.P.Math.*
White, W. C., *Vice-President*
Wooldridge, R. L., *Dir.Coop.*
Wright, R. L., *Instr.M.E.*
Yorra, A. J., *Inst.M.E.*

Wentworth Institute

Banks, C. W., *Ret.Head, Applied Sci.*
Beatty, H. R., *Pres.*
Benson, H. W., *Sr.Instr.Phys.*
Benton, C. E., *Hd.Physics*
Bobeck, R. E., *Asst. Inst., Machine*
Borden, R. R., *Hd.Mach.Const.&ToolDes.*
Brown, R. W., *Hd.Ind.Elec.*
Bruce, J. P., *Inst.PatternMaking*
Ferzoco, P. H., *Sen.Inst.Ma.Const.&Tool Des.*
Holmes, F., *Inst.Physics*
Huyck, A., *Inst.Math.*
Kennedy, W. J., Jr., *Inst.Steam&DieselE.*
Knight, R. M., *Senr.Instr.Math.*
Leighton, J. R., *Inst.StrengthofMat.*
Libby, D. F., Jr., *Sr.Inst.Physics*
Linton, F. H., *Dir.ofAdm.&Place.*
MacDonald, J. A., *Sr.Inst.Math.*
Marsh, W. E., *Sr.Inst.M.E.*
Merry, B. E., Jr., *Inst.Ind.Elect.*
Nelson, C. W., *Asst.Dw.Inst.*
Novak, L., *Inst.Mech.Draft.*
Packard, W. J., *Hd.Machine Dept.*
Page, A. N., *Hd.Arch.Dept.*
Reynolds, W. A., *Hd.Bldg.Con.*
Rice, H. S., *HeadMath.*
Swanson, C. A., *Hd.Mech.Shops*
Swanson, R. P., *Hd.AircraftDept.*
Thompson, W. H., *Inst.Ind.Electricity*
Thomson, C .M., *Hd.Ind.Electronics*
Tudbury, C. W., *Supr.Inst.,Retired*
VanDusen, E. B., *DeanofInstruction*

Brookline

Brown, H. K., *Sr.Math.*, AVCO Co.

Burlington

Reed, F. E., *Mech.Engr.*, Tech. Operations, Inc.

Cambridge

Bass, L. W., *VicePres.*, Arthur D. Little, Inc.
Gumpertz, W. H., *Pres.*, Simpson Gumpertz & Heger, Inc., Cons. Engr.
Toran, N. E., *Mech.Engr.*, Baird Atomic Co.
Ungar, E. E., Bolt Beranek and Newman, Inc.
Wilson, F. W., Wilson Eng. Corp., *Pres.*

Harvard University

Batteau, D. W., *Asst.P.Appl.Sc.*
Berry, C. H., *GordonMcKayP.Emer.M.E.*
Bright, J. R., *Assoc.P.Bus.Admin.*
Brooks, H., *DeanEngr.*
Bryson, A. E., Jr., *Assoc.P.M.E.*
Casagrande, A., *P.C.E.*
Dawes, C. L., *Assoc.P.EmeritusE.E.*
Emmons, H. W., *Hd.M.E.*
Fair, G. M., *P.San.E.*
Haertlein, A., *P.C.E.&Assoc.Dean,App.Phys.*
Hirschfeld, R. C., *Inst.Engr.&App.Phys.*
Silverman, L., *P.I.Hyg.*
Van Vleck, J. H., *P.Phys.*

Massachusetts Institute of Technology

Adams, D. P., *Assoc.P.M.E.*
Akhurst, D. O., *Asst.P.E.E.*
Babcock, J. B., *P.R.E.,Emer.*
Backer, S., *Assoc.P.M.E.*
Barry, J. G., *Staff,LincolnLab.*
Bartlett, H. R., *P.&H.Hum.*
Bisplinghoff, R. L., *P.Aero.E.*
Boehne, E. W., *P.E.E.;Dir.Coop.Prog.*
Bone, A. J., *Assoc.P.Transp.E.*
Brown, G. S., *P.&Hd.E.E.*
Brown, S. C., *Assoc.P.Physics*
Chamberlain, M., *ScienceLibr.*
Chandler, A. D., Jr., *Asst.P.His.*
Chipman, J., *P.&H.Met.*
Clements, D. F., *Inst.E.E.*
Coons, S. A., *Asst.P.Graph.*
Crandall, S. H., *P.M.E.*
Dawes, L. M., *Asst.P.E.E.Emeritus*
Den Hartog, J. P., *P.&H.M.E.*
Dietz, A. G., *P.Bldg.E.*
Draper, C. S., *P.&Hd.Aero.E.*
Dudley, B., *Ed.Tech.Rev.*
Eager, M., *Asst.P.E.E.*
Edgerton, H. E., *P.E.Meas.*
Eliason, R., *P.San.E.*
Epstein, D. J., *Asst.P.E.E.*
Ezekiel, F. D., *Asst.P.M.E.*
Fair, G. M., *P.San.Eng.*
Floe, C. F., *Adm.V.Chancellor*
Foster, F. L., *Dir.Div.ofSponsored Res.*
Frank, N. H., *Hd.Physics*
Frazier, R. H., *Assoc.P.E.E.*
Fuller, C. E., *P.Em.M.E.*
Gaudin, A. M., *P.Min.E.*
Goetz, B. E., *P.Ind.Mgnt.*
Goldstein, M. H., Jr., *Asst.P.E.E.*
Goodman, T. F., *Asst.P.M.E.*
Gray, T. S., *Assoc.P.E.E.*
Guillemin, E. A., *P.E.Com.*
Haberstroh, R. D., *Ind.LiaisonOfficer*
Hatscopoulos, G. N., *Asst.P.*
Hazen, H. L., *DeanGrad.Schl.*
Hesselschwerdt, A. L., Jr., *Assoc.P.M.E.*
Holley, M. J., Jr., *P.Str.E.*
Holt, J., *P.M.E.*
Howes, V. E., *Lec.M.E.;Draft.Coord. Instrum.Lab.*
Ippen, A. T., *P.Hyd.*
Johnson, H. W., *Assoc.Dn.*
Kaye, J., *P.M.E.*
Keenan, J. H., *P.M.E.*
Killian, J. R., Jr., *Pres.*
Kimball, R. M., *Sec'y.*
Kingsley, C., *Assoc.P.E.E.*
Kusko, A., *Assoc.P.E.E.*
Ladd, D. C., *H.Tech.Publ.Group*
Lambe, T. W., *Assoc.P.C.E.*
Lang, A. S., *Asst.P.C.E.*

Lee, S., *Asst.P.M.E.*
Lent, D., *Asst.P.M.E.*
Lewis, P. M., II., *Asst.P.E.E.*
Lewis, W. K., *P.Ch.E.,Emer.*
Locke, W. N., *Dir.Lib.*
Mattill, J. I., *Asst.toDir.ofPublicRela.,Dir. ofPubl.*
McAdams, W. H., *P.Emer.&Lect.Ch.E.*
McKinney, R. E., *Asst.P.San.E.*
Michaels, A. S., *Assoc.P.Ch.E.*
Miller, C. L., *Asst.P.Surveying*
Mirabelli, E., *Assoc.P.C.E.*
Moore, L. B., *Assoc.P.Ind.E.*
Murray, W. M., *P.M.E.*
Namyet, S., *Asst.P.C.E.*
Newton, G. C., *Assoc.P.E.E.*
Pian, T. H. H., *Asst.P.Aero.E.*
Putnam, G., *Asst.P.Graph.*
Radford, W. H., *Assoc.Dir.LincolnLab.*
Rae, J. B., *Assoc.P.History*
Reintjes, J. F., *Assoc.P.E.E.*
Reswick, J. B., *Assoc.P.M.E.*
Rogowski, A. R., *Assoc.P.M.E.*
Rohsenow, W. M., *P.M.E.*
Rule, J. T., *Dean,Stud.*
Santalo, M. A., *Asst.P.M.E.*
Scott, R. E., *Asst.P.E.E.*
Shaw, M. C., *P.M.E.&P.inChargeMat'ls Proc.*
Shearer, J. L., *Asst.P.M.E.*
Shepard, H. A., *Asst.P.Soc.,Econ.Soc.Sci.*
Sherwood, T. K., *P.Ch.E.*
Simpson, H., *Assoc.P.C.E.*
Sloane, A., *Assoc.P.M.E.*
Soderberg, C. R., *DeanEngrg.*
Stratton, J. A., *Actg.Pres.&Chan.*
Svenson, C. L., *Assoc.P.Heat.E.*
Taylor, H. E., *P.Met.*
Thomas, G. B., Jr., *Assoc.P.Math.*
Thresher, B. A., *Dir.Ad.&P.Eco.*
Timbie, W. H., *P.E.E.&Ind.Prac.Emer.*
Tobey, A. C., *Res.Engr.*
Toong, T., *Assoc.P.M.E.*
Townsend, A. L., *Dir.LowellInst.*
Tucker, C. E., *P.&Exec.OfficerE.E.*
Tucker, J. A., *Asst.toH.E.E.*
Urbach, W. F., *Asst.P.Eng.&Hist.*
Vivian, J. E., *P.Ch.E.&Dir.Chem.Eng.Prac.*
Voss, W. C., *P.Emeritus&Spec.Lec.*
White, D. C., *Assoc.P.E.E.*
Whitehouse, D. R., *Asst.P.E.E.*
Wiesner, J. B., *P.Communications,Dir.Res. Lab.ofElectronics*
Wilbur, J. B., *P.&H.C.E.&San.E.*
Wildes, K. L., *P.E.E.*
Woodbury, R. S., *Asst.P. Hist.*
Woodson, H. H., *Asst.P.E.E.*
Wulff, J., *P.Met.*
Zeldin, S. D., *Assoc.P.Math.*

Concord

Baker, R. H., Nashoba Rd.

Fairhaven

Gidley, P. T., *Pres.*, Gidley Res. Inst.

Fall River

Bradford Durfee Technical Institute

Coombs, L. B., *Pres.*
Dillon, F. H., *P.E.*
Stewart, A. A., *Assoc.P.M.E.*
Williams, E. R., *Asst.P.E.*

Foxboro

Ricker, F. J., *Sr.Elec.Eng.*, Foxboro Co.

Jamaica Plain

Hoye, F. W., *Gen.Man.*, J. M. McCusker Assoc.

Lawrence

Avco Manufacturing Corp.

Smith, L. P., *Pres.*, Avco Research & Adv. Devel. Div.
St. Clair, C. R., *Exp.Grp.Leader,Appl.Res.*
Wood, A. D., *Assoc.Scientist*

Lexington

Radford, W. H., *P.Elec.Comm.,Assoc.Dir.*, M.I.T., Lincoln Lab.

Lowell

Lowell Technological Institute

Ball, H. J., *P.Text.E.,Em.*
Bell, J. W., *Asst.P.Engr.Educ.;Dir.,Placement Bureau*
Bodor, S. J., *Inst.Math.&Phys.*
Edlund, C. F., *Dean*
Harcourt, B. C., *Inst.Engr.*
Hardy, F. R., *Inst.Eng.*
Hook, E. T., *Asst.P.Phys.&Math.*
Irvine, J. A., *Inst.E.*
Lydon, M. J., *Pres.*
Mark, M., *P.Engr.*
Mingins, C. R., *P.&Hd.Physics&Math.;Dir. Physics Res.*
Thomas, H. E., *P.E.*
Wells, A. E., *P.*
Williams, W., *P.Engl.*
Woidzik, A. T., *Asst.P.Fabrics*

Lynn

General Electric Co.

Kaufman, M., *Tech.Engr.*
Pease, D. A., *Supr.Engr.Adm.*

Marshfield Hills

Raymond, J. D., Main Street, P.O. Box 108

Medford

Tufts University

Astill, K. N., *Assoc. P.M.E.*
Atallah, S. I., *Inst.Ch.E.*
Burden, H. P., *D.&P.S.E.*
Campbell, A. S., *DeanEngr.*
Choi, H. Y., *Asst.P.M.E.*
Dunkerley, P. A., *Asst.P.C.E.*
Farnham, W. E., *P.Dr.Emer.*
Fittz, R. U., *P.M.E.*
Flint, P. H., *Assoc.P.Engl.*
Hammond, G. H., *P.E.E.*
Harrington, R. L., *Assoc.P.M.E.*
Higginbotham, D. E., *Assoc.P.E.E.*
Hill, P. H., *Assoc.P.Engr.Gr.*
Holmberg, C. H., *Asst.P.C.E.*
Howell, A. H., *Chmn.E.E.*
Leavitt, E. E., *P.M.E.*
Leighton, A. W., *P.Engr.Graph.;Fresh. Cons.*
Littleton, E. F., *Chm.C.E.*
Mac Naughton, E., *P.Emer.M.E.*
Maskalenko, E. J., *Assoc.P.E.E.*
Mingins, C. R., *Dir.,Res.Lab.Phys.Elecs.*
Rice, P. S., *Assoc.P.C.E.*
Rollins, E. B., *P.E.E.Em.*
Saltmarsh, V., *Dir.Place.*
Savage, R. L., *Asst.P.C.E.*
Smith, L. B., *P.&Chr.Ch.E.*
Vannah, S., *Assoc.P.M.E.*
Ward, H. C., *Inst.Engr.Graph.*
Warner, J. L., *Assoc.P.E.E.*
Weaver, F. N., *P.C.E.*
Wood, F. M., *Asst.P.Eng.Graphics*

Melrose

Richardson, A. M., Jr., 10 E. Wyoming Ave.

Middleboro

Hirst, J. M., 100 S. Main St.

New Bedford

New Bedford Institute of Technology

Barylski, J. R., *Asst.P.M.E.*
Counsell, A. W., *Asst.P.M.E.*
Dupre, E. J., *Assoc.P.Chem.*
Fenaux, L. E. F., *Assoc.P.Chem.*
Fiocchi, F. P., *Inst.Chem.*
Foster, J. E., *Pres.*
Gonsalves, L., *P.&Chm.E.E.*
Richard, C. P., *Asst.P.M.E.*
Roberts, J. L., *Inst.M.E.*
Silva, A., *DeanofStudents*
Tinkham, H. C., *P.&H.M.E.*
Wareing, J. F., *Inst.E.E.*

North Abington

Addison-Wesley Pub. Co.

Brennan, R. E., *Assoc.Edtr.*
Murphy, Fred, *Editor*

Quincy

Raymond, J. D., *Pers.Adm.*, Bethlehem Steel Co.

Southboro

Wheeler, W. A., *Asst.Chf.Engr.*, Ludlow Papers, Inc.

Waltham

Landall, L. B., *Mgr.Prof.Pers.*, Raytheon Mfg. Co.

Watertown

Foster, E. L., *Pres.*, Foster-Miller Assoc.

Wayland

Arlin, M. N., *SystemsEngr.*, Raytheon Mfg. Co.

West Action

Roediger, F. E., *Mgr.,Prod.Test*, Raytheon Mfg. Co.

West Newton

Ryan, W. F., *Ret.*, 33 Chesterfield Rd.

Winchester

Dantona, L. R., *Tr.Dir.*, Raytheon Mfg. Co.

Woburn

Baum, R. M., *Sr.E.,Elec.Div.*, Sylvania

Worcester

Cook, A. L., *Ret.*, 14 Ashland St.
MacDonnell, R. B., *Assoc.P.Phys.*, Holy Cross College
Uihlein, G. V., Jr., *Nat.Exec.Sec.*, Theta Kappa Phi

Worcester Junior College

Elberfield, J., *Dean*
Fitzgerald, R. W., *Inst.M.E.*

Worcester Polytechnic Institute

Anderson, F. A., *Assoc.P.M.E.*
Atwood, L. L., *P.&H.Hist.&Lang.*
Back, A. W., *Assoc.P.Hist.&Lang.*
Bernado, Robert F., *Grad.Asst.M.E.*
Bjork, J. A., *Assoc.P.M.E.*
Bourgalt, R. F., *Assoc.P.M.E.*
Bronwell, A. B., *Pres.*
Brown, E. C., *P.Math.*
Burner, C. E., *Hd.Milt.Sci.*
Cobb, R. N., *P.Math.*
Corey, H. S., *Asst.P.M.E.*
Downing, D. G., *DeanAdm.*
Dows, H. W., *P.M.E.*
Finlayson, F. S., *P.M.E.*
Grogan, W. R., *Assoc.P.E.E.*
Hall, R. J., *Asst.P.M.E.*
Heller, R., *P.Phys.*
Higginbottom, E., *Hd.English*
Holden, R. W., *Grad.Asst.M.E.*
Hooper, L. J., *Dir.Lab.Hyd.*
Howe, J. W., *Retired*
Howes, D. E., *P.E.E.*
Johnson, C. G., *Assoc.P.M.E.*
Johnson, D. E., *Assoc.P.Hist.*
Johnston, E. R., Jr., *P.C.E.*
Kauzlarich, J. J., *Asst.P.M.E.*
Kennedy, O. W., *Assoc.P.E.E.*
Knight, A. J., *P.C.E.*
Koontz, C. H., *Hd.C.E.*
Kranich, W. L., *P.Ch.E.*
Krashes, D., *Asst.P.M.E.*
Locke, W. W., *P.E.E.,Supt.Elect.Maint.*
Mayer, K. L., *P.Phys.*
Merriam, K. G., *P.Mech.*
Meyer, C. F., *P.C.E.*
Morgan, T. H., *P.E.E.*
Morton, R. F., *Assoc.P.Phys.*
Moruzzi, R. L., *Asst.P.E.E.*
Neale, L. C., *Asst.P.M.E.*
Nelson, R. D., *Assoc.P.Math.*
Newell, H. H., *P.E.E.*
Packard, T. H., *Assoc.P.Engl.*
Petrie, J. M., *P.Ch.E.*
Price, M. L., *DeanFaculty*
Rice, H., *P.Math.*
Richardson, G. A., *P.&Hd.E.E.*
Roys, F. W., *V.P.;P.M.E.*
Scheifley, C. K., *P.Lang.&Hist.*
Schoonover, B. B., *Libr.*
Schwieger, A. J., *P.&H.Ec.*
Scott, K. E., *Assoc.P.M.E.*
Stannard, G. E., *Assoc.P.E.E.*
Staples, C. W., *Asst.P.M.E.*
Wadsworth, W. B., *Assoc.P.E.E.*
Webster, F. N., *P.M.E.*
Wellman, B. L., *P.M.E.&H.Dr.*
Whenman, J. H., *Assoc.P.M.E.*
Wilbur, L. C., *Assoc.P.M.E.*
Zimmerman, J. F., *Assoc.P.Human.Soc. Stud.*
Zwiep, D. N., *Hd.M.E.*

MICHIGAN

Albion

Sebastian, H., *Publisher'sRepresentative*, The Macmillan Co.

Albion College

Ingalls, E. E., *P.Math.*

Ann Arbor

Miller, E. W., *Pres.*, Technical Advisors Inc.

University of Michigan

Adams, H. C., *Assoc.P.Nav.Arch.*
Akerman, J. R., *Assoc.P.M.E.*
Allen, W., *Chm.&P.I.E.*
Alt, G. L., *P.C.E.*
Alvord, H. H., *Assoc.P.M.E.*
Attwood, S. S., *Dn.Engr.*
Banchero, J. T., *P.C.E.*
Benford, H., *Assoc.P.Nav.Arch.*
Berg, G. V., *Asst.P.C.E.*
Berry, R. M., *P.Geodesy&Surv.*
Black, T. J., *Inst.Engr.Draw.*
Boggess, R. L., *Res.Assoc.E.E.*

Bolt, J. A., *P.M.E.*
Boston, O. W., *P.Emer.M.E.*
Boutwell, F. K., *Inst.M.E.*
Boyce, E., *P.San.E.&Chr.C.E.*
Brater, E. F., *P.Hydr.Eng.*
Burroughs, R. E., *Dir.Res.Inst.*
Cairns, J. R., *Inst.Engr.Dr.*
Carey, J. J., *Assoc.P.E.E.*
Carroll, R. E., *Dir.*
Churchill, S. W., *Assoc.P.Chem.E.*
Colby, H. R., *Asst.P.M.E.*
Cooper, R. M., *Asst.P.E.Mech.*
Cortright, D., *Assoc.P.C.E.*
Datsko, J., *Assoc.P.M.E.*
Dodge, R. A., *P.C.E.*
Douglas, D. C., *Asst.P.E.Draw.*
Dow, W. G., *P.E.E.*
Edmonson, G. V., *P.M.E.*
Eichelberger, M.B., *Assoc.P.Dr.*
Emmons, W. J., *Asst.D.&Sec.*
Epple, A. B., *Assoc.P.M.E.*
Evaldson, R. L., *Assoc.P.M.E.*
Everett, F. L., *Assoc.P.Mech.*
Farrell, T., *Editor*, Willow Run Lab.
Glysson, E. A., *Asst.P.C.E.*
Gomberg, H. J., *P.Nucl.E.;Asst.Dir.Phoenix Proj.PeacetimeA.Energy*
Graebel, W. P., *Inst.Engr.Mechs.*
Greenshields, B. D., *Asst.Dir.Transp.Inst.*
Greenwood, D. T., *Asst.P.Aero.Eng.*
Hall, K. W., *P.M.E.*
Harris, R. B., *Assoc.P.C.E.*
Hedrich, W. A., *Assoc.P.E.E.*
Heimbach, C. L., *Asst.P.C.E.*
Hellwarth, A. R., *Assoc.DeanEngr.*
Heppinstall, R. S., *Assoc.P.Engr.Dr.*
Hewson, E. W., *P.Meteorology*
Hoisington, R. H., *Asst.P.Eng.Draw.*
Holland, L. N., *P.E.E.*
Housel, W. S., *P.C.E.*
Jenkins, H. T., *P.&Hd.Eng.Draw.*
Juvinall, R. C., *Assoc.P.M.E.*
Katz, D. L., *P.&Chair.,Chem.&Met.Eng.*
Keller, H. E., *P.M.E.*
Kerr, W., *Assoc.P.E.E.*
Khammash, T. B., *Inst.Eng.Mech.*
Kohl, J. C., *P.C.E.;Dir.Trans.*
Kuethe, A. M., *P.Aero.E.*
Lay, W. E., *P.M.E.*
Liddicoat, R. T., *Assoc.P.Mech.*
Lovell, A. H., *P.Emeritus&H.E.E.*
Mack, R. J., *Grad.Stud.NuclearEngr.*
Marin, A., *P.M.E.*
Martin, J. J., *P.Chem.&Met.Eng.*
Matar, J. E., *Inst.Mech.*
Maugh, L. C., *P.C.E.*
McFarlan, H. T., *Asst.P.C.E.*
Moltrecht, K. H., *Asst.P.M.E.*
Moore, A. D., *P.E.E.*
Mosher, R. F., *P.E.E.*
Murphy, J. W., *Student,I.E.*
Naghdi, P. M., *P.E.Mech.*
Nelson, W. C., *P.&Chmn.Aero.E.*
Orbeck, M. J., *P.Emer.Engr.Dwg.*
Ormondroyd, J., *P.Engr.Mech.*
Page, E. L., *Assoc.P.Ind.E.*
Pearson, J. R., *P.M.E.*
Peery, D. J., *P.Aero.E.*
Potts, P. O., *Assoc.P.E.Dr.*
Quinsey, W. E., *Asst.toDir.Res.*
Ragone, D. V., *Assoc.P.Ch.&Met.E.*
Rauch, L. L., *P.Instrumentation*
Ray, D. C., *Inst.E.E.*
Ringe, D. A., *Asst.P.English*
Schneidewind, R., *P.Met.*
Schwartz, F. L., *P.M.E.*
Scott, N. R., *Assoc.P.E.E.*
Scott, R. C., *Asst.P.Eng.Dr.*
Senseman, W. M., *P.English*
Sherlock, R. H., *P.C.E.*
Shigley, J. E., *Assoc.P.M.E.*
Siebert, C. A., *P.Ch.&Met.E.*
Sindlinger, Walter E., *Asst.P.HigherEduc.*
Smith, F. H., *P.Engr.Dr.*
Steele, W. H., *Inst.Engr.Draw.*
Stout, M. B., *P.E.E.*
Streeter, V. L., *P.Hydr.*
Tarboux, J. G., *P.E.E.*
Thatcher, C. M., *Asst.P.Ch.&Met.E.*
Townsend, R. E., *Assoc.P.Met.E.&Chem.*
Van Den Broek, J. A., *P.Mech.Emer.*
Van Vlack, L. H., *P.Ch.&Met.*
Van Wylen, G. J., *P.&Chm.M.E.*
Vincent, E. T., *P.M.E.*
Vines, Q. C., *Assoc.P.Ind.E.*
Wallace, V. L., *Inst.E.E.*
White, R. R., *P.Ch.E.*
Williams, G. B., *P.Chem.&Metallurg.E.*
Wilson, R. C., *Inst.Ind.E.*
Yagle, R. A., *Asst.P.Eng.Mech.*
York, J. L., *P.Chem.&Met.Engr.*
Young, E. H., *Assoc.P.Chem.E.&Met.E.*
Young, J. G., *Asst.P.Mech.;Asst.toDean*

Berrien Springs

Noel, R. L., *Hd.Eng.*, Emmanuel Missionary Col.

Coldwater

Friedrich, L. M., *Prof.Engr.*, P. O. Box 293

Dearborn

Beyer, F. R., *Engr.*, Atomic Power Development Assn., Inc.

Ford Motor Co.

Angrist, A. W., *Mgr.*
Bennett, R. W., *Coord.Coop.Tr.*
Doman, C. T., *ServiceMgr.*
Hedinger, H. E., *Supr.*, Sched. & Rec. Exp Tractor
Lind, T. A., *Proj.Eng.,TractorEng.Testd Devel.*
Lipkin, L., *Res.Eng.*
Seltzer, N., *Indust.Relat.Res.Anal.*, Train. Dept.
Shanks, W. D., *Div.Ser.Rep.*, Chassis Parts Div.
Simons, H. C., *Prog.Coord.*

Henry Ford Community College

Billiet, W. E., *Coord.*
Ebeling, P. F., *Instr.*
Hessler, W. G., *Inst.E.Draft.*
Kollin, R., Jr., *Inst.Draft.*
Krebsbach, V. A., *Inst.Tech.Inst.*
Ringelspaugh, J. H., *Ins.inApprenticeDiv.*
Strongman, R. B., *Coord.Coop.Educ.*

Detroit

Gallant, R. A., *Hd.Instrumentation*, Chevrolet Engineering
Head, Dr. J. W., *Pres.*, Electronics Inst.
Jones, R. L., *Sr. Adm.Asst.OperationsStaff*, Michigan Consolidated Gas Co.
Morelock, M. J., *Assoc.Lib.*, Parke, Davis
Morris, C. D., *Emp.Mgr.Personnel*, Continental Motor Corp.
Seeley, G. E., *Dir.Educ.Amer.Soc.ofTool Engrs.*
Vogel, Milton L.

Bendix Aviation Corp.

Rosselot, G. A., *Assoc.Dir.Res.Lab.*
Van Rennes, A. B., *Supr.Engr.NuclearTech.*

General Motors Corporation

Alderman, A. A., *Div.Supervisor,Tech. Traing.*
Aldinger, L. A., *Dir.Ed.&Train.*
Boyd, T. A., *Res.Consult.(Retired)*
Bryant, P. J., *Editor*
Darling, R. O., *StaffAsst., Pub.Rel.*
Fedorchuk, H. N., *Exp.Eng.*
Heitzman, E. J., *Jr. Engr.*
McWilliams, R. L., Canadian Operations
Meade, K. A., *Dir.Educ.Rel.*
Yates, E. L., *Person.Staff*

Chrysler Corporation

Flarity, E. C., *StaffAsst.Pers.*
Gibson, G. W., *ChiefEngr.*
Henderson, D. A., *Arch.Consult.*
Hnath, N., *Tool Engr.*
Jaeger, D. T., *Exec.Apprsl.Coord.*
Rosser, H. I., *Educ.Supr.*
Wilk, H. A., *Coord.Col.Co-op.,Tech.Train. Sec.*

Chrysler Institute of Engineering

Baker, L. R., *Dir.*
Beauchamp, C. J., *Inst. Desc. Geom.&Draft.*
Behler, R. W., *Edu.Super.*
David, W. J., *DeanGrad.Sch.*
Farquharson, K. J., *Asst.toDir.Grad.School*
Fullmer, D. M., *Inst.*, Auto Body Layout
Hart, R. L., *DeanEveningSchool*
Nabers, T. B., *Dir.Draft.Trng.*
Rockefeller, R. W., *Asst.Dir.*
Rosser, H. I., *StaffAsst.Instr.*
Shirk, R. W., *StaffEngr.*
Weil, R. E., *Inst.*

Detroit Edison Co.

Amerman, P. I., *Dr.Empl.*
Dios, Z. B., *E.E.*
Hendrickson, G. A., *M.E.*
Knickerbocker, L. L. *Pers.Asst.*
Olson, R. G., *Nucl.Engr.*
Sold, G. A., *Supr.Pers.Asst.*
Trefry, D. E., *Comm.SalesE.*

Detroit Institute of Technology

Beechler, C. H., *Inst.Engr.*
DeWilde, A. C., *Senr.Proj.Engr.;NightSupt.*
Henry, L. L., *Act.Dn.,P.M.E.*
Hyde, A. P. S., *Inst.C.E.*
Lucitte, E. A., *P.M.E.&Ind.E.*
Sperry, J. L. V., *P.M.E.*
Tinning, G. M., *Inst.*
Winn, C. C., *Dean*

University of Detroit

Ahlquist, R. W., *P.&Hd.E.E.*
Blakeslee, L. R., *P&Chair.Arch.E.*
Cairns, F. A., *Ind.Coord.*
Chute, G. M., *P.E.E.*
Clark, W. F., *Inst.Elect.Eng.*
Clock, L. S., *Assoc.P.App.Mech.*
Cooley, C. C., *Asst.P.E.Gr.*
Duncombe, C. G., *P.Ch.E.*
Felbarth, W., *Asst.P.Dr.&V.Chmn.*
Geer, E., *P.&Ch.C.E.*
Gerardi, J., *Asst.Dean,C.of Eng.*
Godfrey, W. P., *P.Engl.*
Goglia, G. L., *Asst.P.M.E.*
Gudebski, H. C., *Assoc.P.Met.*
Haman, A. C., *Inst.M.E.*
Head, G. P., *Inst.Arch.E.*
Hunt, D. C., *Coord.*
Janisz, T., *Asst.P.E.E.*
Kowalczyk, L. S., *P.C.E.*
Kurajian, G. M., *Asst.P.E.Mech.*
Layle, H. F., *Assoc.P.Ind.*
Lyons, E. H., *Asst.Ind.Coord.*
Mason, H. R., *P.E.E.*
Mayrose, H. E., *P.Mech.*
McHugh, R. J., *Inst.M.E.*
Medford, R. C., *Inst.Engr.Dr.*
Paterson, A., *Assoc.P.C.E.*
Perdue, J. V., *Ind.Coor.*
Reinhard, P. M., *Chm.Engr.Gr.*
Robichaud, R. F., *Cood.*
Rumps, R. R., Jr., *Inst.Ch.E.*
Schoonover, R. H., *P.Engr.Mechs.*
Schutzwohl, V. U., *Inst.E.E.*
Smith, K. E., *Dir.&Asst.P.Aero.E.*
Steiner, C. J., *President*
Szczepaniak, E. A., *Asst.Prof.Aero.*
Toppeto, A. A., *Inst.E.E.*
Ulcker, G. B., *P.&Act.Chm.M.E.*
Ulcker, J. J., *Act.Dn.*
Uniechowski, S. R., *Assoc.P.E.Mechs.*
Woodworth, F. M., *Inst.E.Draw.*
Zulauf, E. C., *Asst.P.Engr.Gr.*

Ethyl Corporation

Carron, T. J., *Asst.Dir.&Serv.Admin.*
Hall, C. A., *Res.Labs.*

Lawrence Institute of Technology

Burke, W. C., *Adm.Dir.*
Erneman, H. G., *P.&Hd.M.E.&E.Mech.*
Hobson, J. W., *V.P.*
Lawrence, E. G., *Pres.*
Macropol, J., *Inst.Physics*
Nace, H. W., *P.&Ch.Math.*
Ryan, M. M., *DeanAcad.Adm.Inst.*
Schenkel, R. W., *Inst.Math.*
Snoblin, K. A., *Chairman, E.Dr.*
Wulf, H. E. J., *Assoc.P.Math.&M.E.*

Wayne State University

Anderson, K. O., *Inst.Engr.Shop*
Borgman, W. M., *Assoc.DeanAdm.*
Cheney, L. T., *Assoc.P.C.E.*
Churchill, W. H., *Assoc.P.Mfg. Proc.*
Day, J. A., *Asst.P.E.Draw.*
Dirasian, H. A., *Asst.P.C.E.*
Donnelly, H. G., *Hd.Ch.&Met.E.*
Fairchild, E. L., *Assoc.P.E.E.*
Grant, R. W., *Assoc.P.Dr.*
Hale, H. P., *Asst.P.M.E.*
Hess, H. M., *Assoc.DeanEng.*
Hicks, S. F., *Assoc.P.Vet.Couns.*
Howell, G. H., *P.M.E.&I.E.*
Jamison, R. M., *P.ofM.E.*
Johnson, J. S., *DeanEng.*
Jones, R. S., *P.I.E.*
Kopka, M. A., *Dir.Placement*
Law, K. J., *Asst.P.E.E.*
Lazar, N. M., *P.Met.E.*
Lebow, M., *Assoc.P.Mech.*
Ling, D. S., *P.C.E.*
Lissner, H. R., *P.&Hd.Mech.*
Loweke, G. P., *P.Mech.*
Miles, H. L., *Inst.E.E.*
Miles, V. W., *P.Physics*
Morrow, D. C., *P.Math.*
Nelson, A. L., *P.&H.Math.*
Nelson, H. P., *Inst.E.Draw.*
Newton, D., *P.&H.C.E.*
Northrup, R. T., *P.&H.Dr.*
Olson, R. G., *Spec.Inst.E.E.*
Ordon, C. J., *P.C.E.*
Perkins, D. L., *P.&H.M.E.&I.E.*
Perry, C. C., *Assoc.P.E.Mech.*
Rivers, G. E., *P.&Hd.Mfg.Proc.*
Satterly, G. T., Jr., *Inst.C.E.*
Schoonover, R. H., *DeanEmer.Eng.*
Stocker, D. V., *Asst.P.E.E.*
Stynes, S. K., *Inst.Chem.E.*
Szymanski, E. A., *Assoc.P.E.E.*
Thornhill, R. B., *Asst.P.E.Dr.*
Wales, C. E., *Asst.P.Chem.E.*
Wright, J. G., *Assoc.P.M.E.*
Zobel, E. C., *Asst.P.Eng.Mech.*

East Lansing

Michigan State University

Allen, C. L., *P.Em.C.E.*
Apple, J. M., *Lec.I.E.*
Baccus, I. B., *P.E.E.*
Bemis, A. C., *Inst.Appl.Mech.*
Blackwell, W. A., *Inst.E.E.*
Bluman, D. E., *Inst.M.E.*
Boyd, J. S., *P.Agric.Eng.*
Bradley, W. A., *Assoc.P.Applied Mech.*
Brattin, C. L., *P.&Hd.Eng.Dr.,Emer.*
Brenkert, K., *Assoc.P.,Applied Mechs.*
Burnett, J. R., *Asst.P.Dr.*
Campbell, J. M., *P.M.E.*
Chapin, R. E., *Assoc., Lib.*
Cutts, C. E., *P.&Hd.C.E.*
Ditsworth, R. L., *Inst.M.E.*
Duquette, D. D., *Inst.C.E.*
Ebert, I. O., *Assoc.P.E.E.*
Esmay, M. L., *P.Agr.E.*
Farrall, A. W., *P.&H.Ag.E.*
Flory, F. C., *Asst.P.M.E.*

Ford, C. Q., *Inst.M.E.*
Futral, S. M., Jr., *Asst.P.M.E*
Gray, P. G., *Asst.P.E.E.*
Green, T. F., *Asst.P.Found.Educ.*
Gurnham, C. F., *P.&H.Ch.E.*
Halik, G. W., *Asst.P.Dr.*
Hall, C. W., *Asst.P.Agric.E.*
Harris, C. O., *Hd.Mech.*
Henry, H. R., *Asst.P.C.E.*
Hinkle, R. T., *P.M.E.*
Hoffman, J. W., *Assoc.Dir.Eng.Exper.Station*
Jones, W. D., *M.E.*
Kinney, E. E., *Consult.(Retired)*
Koenig, H. E., *Assoc.P.E.E.*
Krause, H., *Asst.P.Dr.*
Larian, M. G., *P.Ch.E.*
Lay, J. E., *M.E.*
Leigh, A. H., *P.C.E.*
Libby, W. E., *Coord.E.*
Loyd, William H., *Inst.M.E.*
Ludt, R. W., *P.Ch.E.*
Mackson, C. J., *Asst.P.Ag.Engr.*
Malvern, L. E., *P.Appl.Mech.*
Martin, G. H., *Assoc.P.M.E.*
May, A. D., Jr., *HighwayTraf.Center*
McColly, H. F., *P.Agric.E.*
McGrady, D. D., *Asst.P.Met.E.*
Mensendick, C. I., *Asst.toDeanEng.*
Nothstine, L. V., *Assoc.P.C.E.*
Obrecht, M. F., *Assoc.P.Ch.E.*
Otto, L. L., *P.M.E.*
Pflug, I. J., *Assoc.P.Agric.E.*
Pian, R. H. J., *Assoc.P.C.E.*
Plant, L. C., *P.&H.Math.Em.*
Price, L. C., *P.&.H.M.E.*
Renwick, D. J., *Assoc.P.M.E.*
Ringo, B. C., *Asst.P.C.E.*
Roop, F. S., Jr., *Instr.M.E.*
Ryder, J. D., *DeanEngrg.*
Ryerson, F. E., Jr., *Gen.Bus.*
Sedlander, N. R., *Asst.P.E.Dr.*
Shermer, C. L., *P.C.E.*
Smith, L. A., *Asst.DeanEng.*
Smith, W. P., *Coord.Cont.Ed.;Asst.P.M.E.*
Theroux, F. R., *P.C.E.*
Thorson, P. J., *Asst.P.M.E.*
Tse, F. S., *Assoc.P.M.E.*
Vanderslice, R. L., *Assoc.P.M.E.*
Womochel, H. L., *Assoc.P.M.E.*
Zeleny, R. A., *Asst.P.Chem.E.*

Flint

McEvoy, J. K., *Supv.Educ.&Train.*, A.C. Spark Plug Div., Gen. Motors Corp.

General Motors Institute

Allan, E. R., Jr., *Sec.H.Ind.E.*
Askounes, P. N., *Ad.Chm.,DealerCoop.Train.Prog.*
Bechtold, R. H., *Registrar*
Benson, R. A. H., *Engr.Dwg.,Teach.*
Bergh, D. A., *Inst.Met.*
Bergstrom, R. E., *Inst.Prod.Eng.*
Biedenbach, J. M., *Physics*
Black, E. D., *Hd.Eng.Dr.&Kin.*
Brown, C. A., *Ad.Asst.Instr.&Fac.Devel.*
Burton, R. M., *Eng.Dr.*
Carlson, R. L., *Eng.Dr.*
Cenko, S., *HeadM.E.Lab.*
Christenson, R. J., *Engr.Dr.*
Cowing, G. R., *President&Dir.*
DeMoss, M. L., *Hd.Eng.Mech.*
Dent, H. M., *Ad.Ch.Coop.Prog.*
Dinda, R., *S.Inst.Ind.E.*
Eddy, E. H., *Engrg.Mechs.*
Edington, W. F., *HeadofPsych.Sec.*
Fanning, C. L., *Asst.Ch.Shop*
Gilbert, M. L., *Ch.Prod.Ser.*
Gray, M. P., *Metallurgy*
Hamlin, R. B., *Inst.Eng.&Cul.Studies*
Harris, E. K., *Chm.Prod.Eng.*
Haskitt, H. O., Jr., *Hd.SpeechSec.*
Huffman, J. F., *Speech*
Jenkins, D. R., *Prod.E.*
Johnson, G. E., *SectionHd.,I.E.*
Klautsch, A. A., *Sr.Tech.Inst.Psych.*
Lander, L. C., *Ch.I.E.*
Lichty, W. H., *M.E.*
Mackin, F. L., *Ch.Shops*
Mahan, J. F., *I.E.*
Matz, C. H., *Eng.Dr.*
Mickus, F., *M.E.*
Nisbett, S. L., *ToolEng.*
Paul, J. A., *Eng.Draw.*
Pegram, G. L., *SectionHd.,Pers.Mgt.*
Pierce, D. F., *Physics*
Pratt, J. M., *Ed.CulturalStudies*
Raker, P. H., *Hd.Math.*
Reed, E. A., *Asst.Chmn.I.E.*
Roberts, D. G., *Prod.E.*
Rose, F. E., *Electronics*
Ruddock, B. J., *HeatTransfer*
Snyder, N. F., *Supr.Met.Cutt.*
Sobey, A., *Pres.Emer.,Cons.*
Spahr, R. H., *Ret.Adm.*
Stone, P. W., *Physics*
Stout, C. E., *Ch.Math.&E.Mech.*
Stubbs, G. G., *HeadEngl.*
Swift, M. H., *Hd.Coord.Rept.Sec.*
Thomas, M. D., *Hd.Weld.*
Tinetti, G. K., *Inst.Ind.Hydraul.*
Tobias, C. A., *Cmn.Science*
Tutt, C. L., *Adm.Ch.Deg.Prog.*
Tuttle, R. E., *Act.Ch.Engl.&Cult.Studies*
Villo, W. M., *Eng.Draw.*
Webster, G. L., *Inst.Ind.E.*
Wocholski, L. B., *Assoc.Ch.Sci.*
Woodfield, K. W., *Sci.*

Flint Community College

Matz, C. H., *Coord.Trades&Ind.*

Flushing

Slagle, J. R., *Supr.Educ.&Training*, Missile Div., Chrysler Corp.

Frankfort

Stock, O. L., 1393 South Shore Dr.

Grand Rapids

Calvin College

Wassink, H. J., *P.E.*

Grosse Pointe

Boyd, T. A., 1016 Harvard Rd.

Houghton

Michigan College of M. & T.

Allen, S. C., *Asst.P.Mech.E.*
Anderson, H. B., *Asst.P.Math.*
Anderson, J. A., *Asst.P.M.E.*
Anderson, W. T., *Assoc.P.E.E.*
Bayer, R., *Assoc.P.M.E.*
Boutilier, O. D., *Inst.C.E.*
Boyd, G. W., *Assoc.P.Met.E.*
Bredekamp, M. W., *Assoc.P.Ch.E.*
Byers, G. C., *Asst.P.Math.*
Curtis, R. W., *Inst.M.E.*
Dimoff, T., *Asst.P.E.Mech.*
Duggan, L. F., *DeanofStudents,Dir.Placement*
Fisher, J., *P.Emer.Math.*
Foster, C., *Inst.E.Dr.*
Franti, C. E., *Instr.Math.*
Fryxell, B. L., *P.Hd.Lang.*
Gibson, A. W., *Asst.P.M.E.*
Gibson, M., *Libr.*
Gilbert, W. F., *Asst.P.Phys.*
Griff, E. R., *Asst.P.Math.*
Haas, W. M., *Asst.Prof.C.E.*
Hagen, R. R., *Assoc.P.M.E.*
Harrington, J. M., *P.&H.Math.*
Heafield, K., *Dir.ofAdmissions*
Hughes, M. W., *Assoc.P.M.E.*
Inveiss, J. H., *P.M.E.*
Janke, R. A., *Asst.P.Phys.*

Kerekes, F., *Dean Faculty*
King, H. W., Jr., *Inst.C.E.*
Koerber, G. G., *Assoc.P.Mechs.*
Koski, P. I., *Asst.P.M.E.*
Light, K. F., *Inst.M.E.*
Lind, M. S., *Asst.P.E.E.*
Longacre, W. A., *P.&Hd.Phys.*
Makens, R. F., *P.&Chm.Ch.E.&Ch.*
Manderfield, N. H., *P.&Hd.Min.Dr.*
McGee, F. M., *Asst.P.Lib.*
McMillin, K. M., *Assoc.P.Math.*
Mount, R. H., *Inst.Physics*
Muvdi, B. B., *Asst.P.Engr.Mechs.*
Niemi, E. W., *Assoc.P.M.E.*
Papworth, R. L., *Inst.Mech.*
Polkinghorne, W. C., *P.&H.C.E.*
Pratt, C. J., *P.Phys.*
Price, S. R., *Assoc.P.Lang.*
Reyhner, T. O., *Assoc.P.C.E.*
Sermon, T. C., *P.&Registrar*
Shandley, P. D., *Asst.P.Physics*
Snelgrove, A. K., *Hd.Genl.Eng.*
Swenson, G. W., *P.&Hd.E.E.; Dir. Faculty Res.*
Van Pelt, J. R., *Pres.*
Weaver, A. S., *Asst.P.Engr.Mechs.*
Wehmanen, R. W., *Asst.P.M.E.*
Willits, W. M., *Asst.P.Math.*
Wittig, F. E., *Assoc.P.M.E.*
Wittmer, F. B., *P.Chem.*
Work, C. E., *Hd.E.Mech.*
Young, A. P., *P.&H.M.E.*

Jackson

Jackson Jr. College
Norris, D. M., Jr., *Inst.Eng.*
Riggs, B. M., *Inst.Math.*

Commonwealth Associates, Inc.
Foote, J. H., *Chief Engr.*
Hartzell, H. W., *ConsultingEngr.*
Sanford, F. E., *Consult.Engr.*

Kalamazoo

Western Michigan University
Beukena, H. J., *Assoc.P.Ind.Tech.*
Mallinson, G. G., *DeanGrad.Stud.*

Lansing

Collar, B. E., *Eng.Examiner,* Mich. Civil Serv. Comm.

Midland

Dow Chemical Co.
Wilkinson, B. W., *Chem.Engr.*

Okemos

Kinney, E. E., 1239 Kindale, R. D. 2

Port Huron

Falls, E. K., *Consult.Eng.*

Rochester

Oxford, C. J., Jr., *Res.Dir.,* National Twist Drill & Tool Co.

Royal Oak

Simpson, H. B., *Sr.Tech.Writer*

Saginaw

John L. Hummer Consulting Engineers
John L. Hummer, *Owner,* 1821 Brockway

Sault Ste. Marie

Mich. College M. & T.
Bruno, L. A., *Inst.M.E.*
Chelberg, R. R., *Assoc.P.&H.Chem.*
Crawford, H. L., *ResidentDir.&P.Phys.*
Dahlman, M. S., *Asst.P.M.E.*
Kemp, C. E., *Assist.D.Mech.Engr.*
Marken, M. L., *Inst.M.E.*
Otis, F. F., *Chmn.,Math.*
Stough, B. N., *Asst.P.Math.*
Vance, Mrs. J. J., *Asst.P.Math.*
Vance, H., *Asst.P.Math.*

South Haven

Russell, C., *Pres.,* Mich. Shore Lumber & Supply Co.

Traverse City

Moenkhaus, A. E., *Inst.Engr.,* Northwestern Mich. Col.

Utica

Kramarsio, R. J., *Aerodyn.Engr.,* Curtis Wright Corp.

Warren

General Motors Technical Center
Fullmer, D. M., *AutoBodyLayout,* Fisher Body Div.
Kyropoulos, P., *Exec.incharge*

Ypsilanti

Hegman, A. R., *I.E.*
Magnuson, E. E., *Pres.,* Lus.-Trus Corp.

MINNESOTA

Austin

Austin Junior College
Jahren, C. E., *Inst.Sc.&Math.*

Bemidji

State Teachers College
Sellon, W. A., *Asst.P.Ind.Arts*

Coleraine

Mudgett, A., *Inst.Draft.,* Itasco Jr. College

Mankato

Johnson, R. I., *Assoc.P.Ind.Arts,* Mankato State College

Minneapolis

Claybaugh, H. S., Armco Drainage
Keeler, R. J., 4309 Aldrich Ave., S.
Powell, K. A., *TestEngr.,* Minn.-Moline Power Implement Co.
Wheeler, W. H., *Consult.Eng.*

General Mills
Lindquist, R. M. L., *Mech.Engr.*
Runkle, L. D., *Sec.Hd.Devel.*

Minneapolis-Honeywell Reg. Co.
Duncan, R. C., *Pers.Mgt.*
Eckstrom, H. T., *Mgr.Ind.Educ.Rel.*
Koepke, C. A., *Stf.Eng.*
Lufkin, J. M., *Admin-Sys.Anal.*
Reed, A. L., *Dir.Ind.-Educ.Rel.*

Toro Manufacturing Company
MacKenzie, J. M., *PlantMgr.*
Whitson, L. S., *Dir.ofMfg.*

University of Minnesota

Akerman, J. D., *P&H.Aero.E.*
Algren, A. B., *P.M.E.*
Allen, R. W., *Assoc.P.M.E.*
Amundson, N. R., *P.&H.Chem.E.*
Anderson, A. G., *Assoc.P.C.E.*
Anderson, L. T., *Assoc.P.E.E.*
Anderson, P., *P.Struc.E.*
Barich, S. S., *Asst.P.Dr.*
Blatherwick, A. A., *Asst.P.Mech.&Mat.*
Block, W. M., *Asst.P.M.E.*
Boon, L., *Asst.P.C.E.,Retired*
Boss, Wm., *P.EmeritusAg.E.*
Brooke, W. E., *P.Em.*
Buchta, J. W., *P.Physics;Assoc.Dean,Sci. Lit.&Arts*
Bullen, P. W., *Asst.P.E.Gr.*
Cartwright, P. A., *Asst.P.E.E.*
Caverley, L. C., *P.E.E.*
Ceaglske, N. H., *P.Ch.E.*
Clausen, J. N., *Asst.P.M.E.*
Doeringsfeld, H. A., *P.Mech.&Mat.*
Eggers, H. C. T., *P.&Hd.Dr.&Des.G.*
Eichhorn, R., *Inst.M.E.*
Fulton, A. M., *Coord.Curric.Devel.,Gen. Exten.Div.*
Guthrie, L. O., *Asst.P.Engl.*
Hartig, H. E., *Prof.E.E.*
Hartnett, J. P., *P.M.E.*
Haxby, B. V., *Asst.P.E.E.*
Herrick, C. A., *P.Math.&Mech.Emer.*
Ibele, W. E., *Assoc.P.M.E.*
Isbin, H. S., *Assoc.P.Ch.E.*
Jerabek, H. S., *Assoc.P.Met.*
Johnson, E. W., *Asst.D.&P.E.E.*
Jordan, R. C., *P.&Hd.M.E.*
Kersten, M. S., *P.C.E.*
Kleinhenz, W. A., *Asst.P.Dr.*
Lambert, R. F., *Assoc.P.E.E.*
Larson, S. C., *Assoc.P.E.E.*
Lazan, B. J., *Hd.&P.Mech.&Mat'ls.E.; Assoc.Dean*
Lee, A. O., *Assoc.P.M.E.*
Leland, O. M., *DeanEmer.*
Lown, J. A., *Inst.Dr.&Geom.*
Loye, E. S., *Assoc.P.Math.&Mech.*
Lufkin, J. M., *Inst.English*
Lund, C. E., *P.M.E.*
McElrath, G. W., *Hd.Ind.E.*
Merz, E. B., *Inst.Dr.&Geom.*
Miller, F. E., *P.Math.&Mech.*
Muckenhirn, O. W., *Assoc.P.E.E.*
Murphy, T. E., *Assoc.P.M.E.*
Myers, H. D., *P.Dr.&Des.G.*
O'Leary, F. B., *Asst.P.&Libr.*
Otis, C. K., *P.Ag.E.*
Palmer, H. K., *Asst.P.M.E.*
Palmer, L. G., *Asst.P.Draw.&Desc.Geom.*
Pilch, M., *Res.FellowHydraul.*
Potter, O. W., *P.Dr.&Des.G.*
Preckshot, G. W., *Assoc.P.Ch.E.*
Priester, G. C., *Prof.Emer.Math.&Mech.*
Quaid, L. J., *Asst.P.Dr.*
Raley, F. A., *Inst.M.E.&Engr.Gr.*
Richter, G. B., *Inst.Dr.&Geom.*
Ripken, J. F., *P.Hydr.*
Robertson, B. J., *P.Emer.M.Eng.*
Rowley, F. B., *P.Emer.M.E.*
Ryan, J. J., *P.M.E.*
Sauter, H. E., *Asst.P.Libr.*
Schroepfer, G. J., *P.C.E.*
Shepherd, W. G., *P.&Hd.E.E.*
Shoop, C. F., *P.M.E.Emer.*
Spilhaus, A. F., *Dean*
Springer, R. C., *Assoc.P.M.E.*
Stolarik, E., *Assoc.P.Aero.E.*
Straub, L. G., *P.&H.Hyd.Lab.;P.&H.C.E.*
Summers, R. E., *Dean,Adm.&Rec.*
Thomas, T. W., *Assoc.P.C.E.*
Threlkeld, J. L., *Assoc.P.M.E.*
Turrittin, H. L., *P.Math.*
Warschawski, S. E., *P.Math.*
Wortman, M. S., *Inst.M.E.*

St. Paul

Georgi, C. O., *Owner,* Charles O. Georgi Co.
Stoddard, R. J., *V.Pres.ofEngrg.,* Amer. Hoist & Derrick Co.
Taner, M. T., 2085 Fairmount Avenue

Minnesota Mining & Mfg. Co.

Baker, B. C., *Tech.Emp.Mgr.*
Burton, W. W., *Emp.Dir.*
DePauw, J. F., *Tech.Emp.*

Remington Rand Univac

Lufkin, J. M., *Tech.CopyWriter*
Pryor, K., *Exec.Asst.toVicePres.&General Mngr.*
Stutzman, L. F., *Dir.Res.*

University of Minnesota

Cloud, H. A., *Inst.Agr.E.*
Flikke, A. M., *Asst.P.Agr.E.*
Hustrulid, A., *P.Ag.E.*
Manson, P. W., *P.Ag.E.*
Schwantes, A. J., *P.&H.Ag.E.*

Winona

St. Mary's College

Carney, Brother J. G., *Chmn.Physics*
Edward, Bro. L., *Chmn.Engr.*

MISSISSIPPI

State College

Mississippi State University

Aust, M. L., Jr., *Inst.M.E.*
Bobbitt, C. W., *Inst.M.E.*
Burgoyne, C. B., *Asst.P.M.E.*
Cliett, C. B., *P.Aero.E.*
Doughty, J. O., *Inst.Engr.Dwg.*
Eastland, D. M., *Assoc.P.M.E.*
Edwards, F. S., *Hd.&P.Aero.E.*
Eubanks, W. H., *Assoc.P.Engr.Dr.*
Fitzgerald, D. F., *Asst.P.E.E.*
Gully, A. J., *P.Chem.E.*
Holmes, A. G., *P.&H.M.E.*
McCain, D. M., *P.&H.C.E.*
McKee, J. C., Jr., *P.&Hd.E.E.*
McKie, W. T., Jr., *Inst.M.E.*
Neal, H. P., *P.&H.Eng.Dr.*
Scott, C., *P.M.E.*
Simrall, H. C., *DeanEng.;Dir.Eng.&Ind. Res.Stat.;Dir.Eng.Exten.Serv.;P.E.E.*
Taylor, J. G., Jr., *Asst.P.Drawing*

University

University of Mississippi

Anderson, F. A., *Chmn.Chem.E.*
Arthur, Neal T., *Asst.P.C.E.*
Aven, R. E., *Assoc.P.Ch.E.*
Douglas, J. G., *P.&Chmn.Geol.*
Feng, C. C., *Assoc.P.C.E.*
Furr, H. L., *P.C.E.*
Kellogg, F. H., *DeanEng.;P.C.E.*
Kerr, H. B., *Assoc.P.M.E.*
MacDonald, J. R., *P.&Chm.M.E.*
Roy, L. F., *P.Ch.E.*
Stallworth, T. W., *Chmn.C.E.*
Tsang, N. F., *P.E.E.*

Vicksburg

Lang, E. H., Waterways Exp. Station

MISSOURI

Cape Giradeau

Missouri State College

Mangan, H. A., *P.Physics*

Clayton

Powers, P. N., *Pres.*, Internuclear Co.

Columbia

University of Missouri

Babbitt, H. E.
Beach, H. L., *Assoc.P.M.E.*
Beyer, G. H., *P.&Hd.Ch.E.*
Cornwall, R. R., *Chem.E.*
Croft, H. O., *Dean*
De Chazal, L.E.M., *Assoc.P.Chem.E.*
Day, C. L., *Assoc.P.Ag.Eng.*
Eastman, R. M., *P.&Chm.I.E.*
Evans, K. H., *P.C.E.*
Harris, M. P., *Assoc.P.C.E.*
Hodges, T. E., *Assoc.P.Agr.E.*
Hogan, J. C., *P.E.E.*
Irby, H. E., *Asst.P.C.E.*
Jones, M. M., *P.&Ch.Agric.E.*
Kessler, C. J., *Assoc.P.M.E.*
Lago, G. Y., *Assoc.P.E.E.*
Lamb, J. F., *Assoc.P.E.E.*
Lorah, J. R., *P.Ch.E.*
Luebbers, R. H., *P.Ch.E.*
McClain, R. G., *Inst.M.E.*
Miller, W. H., *Assoc.P.M.E.*
Milner, W. W., *Assoc.P.C.E.*
Morgan, J. W., *Assoc.P.&Asst.toDean*
Murphy, L. J., *P.C.E.*
Pauw, A., *P.C.E.*
Pringle, O. A., *Asst.P.M.E.*
Rubey, H., *P.Emer.C.E.*
Sangster, W. M., *Assoc.P.C.E.*
Scorah, R. L., *P.M.E.*
Smith, E., *Assoc.P.M.E.*
Sneed, C. M., *Assoc.P.M.E.*
Stewart, R. E., *P.Agric.E.*
Tudor, J. R., *Asst.P.E.E.*
Wallis, C. M., *P.&Chm.E.E.*
Waidelich, D. L., *P.E.E.*
Wang, S. L., *Assoc.P.C.E.*
Wood, H. W., Jr., *P.&Chm.C.E.*
Wooley, J. C., *P.EmeritusAg.E.*

Crystal City

Ragland, R. K., *Chf.Ind.Engr.*, Pittsburgh Plate Glass Co.

Fayette

Central College

Denny, C. E., *Inst.Math.*

Fort Leonard Wood

Durden, F. C., 561 Cubs Street

Kansas City

Howard, R. T., *Assoc.&Chm.P.G.E.*, University of Kansas City
Monsees, M. E., *Chief.Prog.Dev.Br.*, U. S. Corps Engr.
Noel, S. Q., Universal TV System, Inc.

Westinghouse Electric Corp.

DeVries, J. P., *Senr.Engr.*, Advanced Development, A. G. T. Division
Doyle, R. E., *Devel.Eng.*

Central Technical Institute

Balber, A., *Inst.Tech.*
Betros, L. A., *Inst.Tel.*
Brown, H. H., *Inst.*
Byrne, J. E., *VicePres.&Gen.Mgr.*, Calif. Air Col. Div.
Davis, V. D., *Inst.Math.*
Foster, C. L., *Pres.*
Lovan, J. E., *Inst.Tech.*
Mackie, S. P., *Inst.Draft.*
McCall, E. A., *Inst.Tech.*
Nall, P. L., *Inst.RadioTheory*
Scott, P. A., *Inst.T.V.*
Soellner, R. O., *Ed.Dir.*
Sterner, W. J., *Instr.Elect.*
Turpin, R. F., *Inst.Tech.*
Van Dyke, M. W., *Inst.Engl.*
Vilander, N. E., *ChiefTech.Inst.*

Kansas City Jr. College

Bennett, J. L., *Chm.E.Dr.*
Cariddi, J. G., *Inst.Engr.Draw.,Math.*
Pollock, A. E., *Inst.Eng.*

Rockhurst College

Sullivan, T. E., *Dir.ofPre-Eng.*

Liberty

William Jewell College

Hilton, W. A., *P.Phys.*
Morrow, E. A., *P.Math.*

Rolla

Missouri School of Mines & Metallurgy

Amstutz, G. C., *Assoc.P.Geo.*
Atchley, B. L., *Inst.Mech.*
Blevins, C. M., *Asst.P.Draw.*
Britton, R. A., *Inst.Engr.Draw.*
Bruzewski, R. F., *Assoc.P.Min.E.*
Burns, R. L., *Inst.Engr.Draw.,Desc.Geom.*
Capek, F. J., *Inst.C.E.*
Carlton, E. W., *P.&Chm.C.E.*
Caudle, R. D., *Asst.P.Min.Engr.*
Christiansen, C. R., *Assoc.P.Min.E.*
Christianson, L. C., *P.E.D.*
Clark, G. B., *Chmn.Min.E.*
Conrad, F. H., *P.Ch.E.*
Davidson, R. F., *P.&Hd.Mech.*
Eppelsheimer, D. S., *P.Met.E.*
Erkiletian, D. H., *Assoc.P.Math.*
Eshbaugh, C. W., *Assoc.P.C.E.*
Fowlkes, C. W., *Inst.M.E.*
Frad, W. A., *Assoc.P.Met.E.*
Fuller, H. Q., *P.Dept.Hd.Physics*
Gevecker, V. A. C., *Asst.Dean*
Gilliland, H. R., *Inst.E.Dwg.*
Govier, J. P., *Assoc.P.Pet.E.*
Grimm, C. J., *Assoc.P.E.E.*
Grubbs, E. C., *Inst.C.E.*
Hansen, P. G., *Asst.P.Mech.*
Heagler, J. B., Jr., *Asst.P.C.E.*
Hershkowitz, L., *Assoc.P.C.E.*
Hubbard, N., *RegistrarandDir.*
James, W. J., *Assoc.P.Chem.*
Johnson, C. A., *Assoc.P.Math.*
Kerr, R. H., *Assoc.P.Math.*
Laciny, L. C., *Inst.M.E.*
Leutzinger, R. L., *M.E.*
Lorey, G. E., *Asst.P.CeramicEngr.*
Lovett, I. H., *Chm.E.E.*
McPherson, G., *Assoc.P.E.E.*
Miles, A. J., *P.&H.M.E.*
Morris, T. M., *P.Met.*
Muhlbauer, K. C., *Asst.P.Mech.*
Muir, C. D., *Asst.P.C.E.*
Nau, R. H., *P.E.E.*
Nolte, R. E., *P.E.E.*
Oetting, R. B., *Inst.M.E.*
Planje, T. J., *Chmn.CeramicEngr.*
Ponder, P. E., *Reg.&Dir.Admis.*
Puyear, D. E., *Grad.Asst.Chem.E.*
Rankin, R. M., *P.Math.&Chr.*
Remington, C. R., Jr., *Assoc.P.M.E.*
Roberts, J. K., *P.C.E.*
Sauer, H. J., Jr., *Inst.M.E.*
Schaefer, R. A., *Assoc.P.Mech.*
Schlechten, A. W., *P.&H.Met.*
Schoeppel, R. J., *Inst.Petrol.E.*
Schowalter, R. E., *Assoc.P.M.E.*
Schrenk, W. T., *P.&H.Ch.&Ch.E.*
Scofield, G. L., *P.M.E.*
Skitek, G. G., *P.E.E.*

Strunk, M. R., *Assoc.P.Ch.E.*
Thompson, D., *P.&Chm.Ch.E.*
Tingley, F. T., *P.E.E.*
Usry, J. M., *Asst.P.E.E.*
Warren, R., *Asst.P.Physics*
Webb, W. H., *P.Ch.E.*
Wilson, C. L., *Dean*
Wolf, R. V., *Assoc.P.Met.E.*
Young, R. H., *Assoc.P.M.E.*

St. Louis

Blackburn, J. B., Harland, Bartholomew and Assoc.
Cleaver, M., *Pers. Supr.*, Southwestern Bell Tel. Co.
Dick, W. K., *E.Engr.*, Moloney Electric Co., Compumatix, Inc.
Gould, M. I., *Tech.Pers.*, Uranium Div., Mallinckrodt Chem. Works, Weldon Springs
Koenig, L. R., *Pat.Lawyer*, Koenig & Pope
Luebkert, W. C. B., *Inst.Engr.*, Harris Teachers College

McDonnell Aircraft Corp.

Boulton, B. C., *Exec.Asst.VicePres.Engr.*
Hertenstein, H. N., *Supv.Eng.Tr.*
Kaletta, R. F., *Tech.PlaceSuper.*
Roever, F. H., *Eng.StaffAdm.*

Monsanto Chem. Co.

Curtis, F. J., *V.Pres.&Dir.*
Healy, J. J., *Dir.Gen.Devel.*
Hougen, J. O., *Chm.Ch.E.*
McCoole, R. F., *Tech.Pers.Mgr.*
Panian, G. W., *Asst.Manager,TechnicalRecruiting*
Williams, T. J., *Eng.Tech.*

Saint Louis University

Allen, V. T., *P.&H.Geol.*
Arenz, R. J., *Grad.Stud.E.Mech.*
Bates, F. C., *Inst.Geophys.*
Blum, V. J., *Dean&P.Geophys.*
Brill, K. G., *P.Geol.E.*
Brooks, E. M., *P.Geophys&Geo.E.*
Brown, J., *Asst.P.*
Cavanagh, G. F., *Grad.Student*
Chen, G. K. C., *Instr.E.E.*
Cherry, J. T., *Inst.Geophys.*
Connell, J. B., *Asst.P.E.E.*
Cronin, J. L., *Assoc.P.C.E.*
Daly, J. F., *Asst.P.Math.*
Dreifke, G. E., *Assoc.P.&H.E.E.*
Dunlap, E. W., *Asst.P.Engr.*
Frank, A. J., *Asst.P.Geol.*
Glenn, C. J., *Ex.Asst.Deans*
Heinrich, R. R., *Dir.&P.Geophysics&Geo.E.*
Hoffman, A. A., Jr., *Inst.C.E.*
Kimball, L. E., *Assoc.P.I.Engr.*
Kisslinger, C., *Assoc.P.Geophy.&Geophy. Eng.*
Marino, C. J., *Direc.,Place.Bureau*
McCabe, W. M., *Asst.P.E.E.*
McCarthy, J. F., *Assoc.P.C.E.*
Nuttli, O. W., *Asst.P.Geophysics&Geophysical E.*
Shelton, G. R., *Asst.P.C.E.*
Stinson, J. R., *Inst.Geop.*
van den Boom, H. W., *Asst.P.E.E.*
Walter, E. A., *Inst.Geol.*

Washington University

Armstrong, W. P., *P.Ch.E.*
Barten, K. S., *Asst.P.I.E.;Dir.Computg. Fac.*
Brielmaier, A. A., *P.C.E.*
Brust, A. W., *P.C.E.*
Diboll, W. B., Jr., *Lect.M.E.*
Edgerley, E., Jr., *Asst.P.C.E.*
Fischer, D. A., *Dean*
Georgian, J. C., *P.M.E.*
Goldman, J., *Asst.Prof.Ind.E.*
Gomberg, W., *P.Ind.E.*
Grant, H. E., *P.&H.Dr.*
Greenberg, A. J., *Inst.C.E.*
Gulbransen, L. B., *Assoc.P.Metal.*
Holsen, J. N., *Assoc.P.Ch.E.*
Honnell, P. M., *P.E.E.*
Hundley, D. H., *Assoc.P.I.E.*
Kippenhan, C. J., *P.&Hd.M.E.*
Koopman, R. J. W., *P.&Hd.E.E.*
Langsdorf, A. S., *DeanEmeritus*
McKelvey, J. M., *Assoc.,P.Ch.E.*
Nadler, G., *P.&H.I.E.*
Ornstein, W., *P.App.Mech.*
Proctoer, C. L., *M.E.*
Renz, A. G., *Inst.E.Dr.*
Ryckman, D. W., *P.C.E.*
Schenler, W. W., *Asst.P.C.E.*
Senne, J. E., *Asst.Dean*
Stout, L. E., *P.&Hd.Ch.Eng.*
Tolman, C., *Vice-Chancellor,Dean of Faculties &P.Geology&Geo.E.*
Zaborszky, J., *P.E.E.*

MONTANA

Bozeman

Montana State College

Berg, L., *P.&H.Ch.E.*
Bergren, E. L., *Assoc.P.M.E.*
Bergren, G. W., *P.M.E.&Supr.Coop.Engr. Educ.*
Boulanger, W. P., *Inst.C.E.*
Challender, R. C., *Asst.P.M.E.*
Dodge, E. R., *P.&H.C.E.*
Durnford, R. F., *Asst.P.E.E.*
Herman, G. J., *Asst.Dn.*, *Assoc.P.C.E.*
Hoyt, B. W., *Asst.P.I.E.*
Huffman, H. L., *Asst.P.I.E.*
Hurst, J. W., *P.&H.Math.*
Johnson, A. J. M., *P.&HeadPhysics*
Keightley, W. O., *Asst.P.C.E.*
Lauer, K. R., *Asst.P.C.E.*
Mac Nary, H. D., *Asst.P.M.E.*
Mayfield, L. G., *Asst.P.Ch.E.*
Monson, Olof W., *P.&H.Agr.Eng.*
Muga, B. J., *Inst.C.E.*
Mullikin, H. F., *Hd.M.E.*
Nickelson, R. L., *Asst.P.Ch.E.*
Parker, J. P., *Assoc.P.English*
Saner, H. A., *Assoc.P.Ch.E.*
Scheer, A. C., *Assoc.P.C.E.*
Schilling, E. W., *H.E.E.,DeanEng.*
Seibel, R. C., *P.E.E.*
Sheckels, G. D., *P.E.E.*
Skinner, H. M., *Assoc.P.Agr.Eng.*
Stout, K. S., *Assoc.P.Min.E.*
Swenson, F. D., *Inst.C.E.*
Titus, H. A., Jr., *Inst.C.E.*
Ulrich, P. E., *Assoc.P.E.E.*
Williams, T. T., *Inst.C.E.*
Whitt, S. A., *P.&Hd.Ind.E.*

Butte

Montana School of Mines

Adami, A. E., *VicePres.;Dean;Prof.Emeritus*
Albertson, J. H., *Assoc.P.English*
Chance, W. W., *Assoc.P.Human.Soc.Stud.*
Kelly, F. H., *Asst.P.Hum.&Soc.Stud.*
Koch. E. G., *Pres.*
Laity, W. C., *P.&Hd.Hum&Soc.StudiesDept.*
McAuliffe, D. C., *Dean&V.Pres.E.*
McCaslin, J. G., *Asst.P.Phy.*
McGlashan, D. W., *Hd.&P.Min.Dressing*
Pinckney, D. E., *Asst.P.Soc.Stud.*
Smith, A. J., *P.Math.*
Stout, K. S., *Asst.P.MiningEng.*

Helena

Roys, P. F., *Dir.StatePlanningBoard*

NEBRASKA

Crete

Wilson, L. T., *P.Math.&Phys.*, Doane College

Lincoln

Witte, A. B., 335 No. 18

University of Nebraska

Aakhus, T., *P.Dr.*
Barnard, N. H., *P.&H.M.E.*
Blackman, J. S., *P.Engr.Mech.*
Colbert, J. P., *Dean*
Cook, D. I., *Asst.P.Mech.*
Corkhill, P. A., *Asst.P.inArch.*
DeBaufre, W. L., *P.&H.Mech.Em.*
Downey, G. L., *Assoc.P.Eng.Mech.*
Duff, C. M., *P.Engr.Mech.*
Edison, O. E., *P.E.E.*
Erbach, W. C., *Asst.P.Mech.*
Ernst, G. C., *P.C.E.;Dir.Eng.Exper.Stat.*
Evinger, M. I., *P.C.E.Emer.*
Ferguson, O. J., *DeanEmer.*
Foxwell, W. H., *P.E.Mech.*
Harper, J. W., *Asst.P.M.E.*
Hobson, Merk, *DeanofEng.&Arch.;P.Ch.E.*
Hurlbut, L. W., *P.Agric.E.*
Hyde, C. M., *Assoc.P.E.E.*
Ibata, R. M., *Assoc.P.E.E.*
Kersten, L., *Inst.Engr.Mechs.*
Legault, A. R., *P.&Chm.C.E.*
Ludwickson, J. K., *P.Mech.*
Luebs, A. A., *P.M.E.*
Marmo, E. J., *P.&H.Mech.*
Mills, R. W., *Asst.P.M.E.;Supv.Conf.&Inst., Exten.Div.*
Minford, W. E., *Inst.E.E.*
Newhouse, K. N., *Assoc.P.M.E.&Power Plant Engr.*
Norris, F. W., *P.&Hd.E.E.*
Pierce, D. N., *Inst.E.Mech.*
Real, R. V., *Inst.Eng.Mech.*
Reis, I. L., *Assoc.P.M.E.*
Riveland, A. R., *Asst.P.C.E.*
Robison, W. C., *Assoc.P.E.E.*
Schneider, M. H., *Inst.M.E.*
Schramm, E. F., *Emer.P.Geol.*
Sechrist, G. H., *P.E.E.*
Smith, G. M., *Assoc.P.Eng.Mech.*
Smith, T. C., *Asst.Prof.E.Mech.*
Steinbruegge, G. W., *P.Agric.E.*
Vickers, J. M. F., *Assoc.P.M.E.*
Walters, H. R., *Asst.P.Eng.Mech.*
Weber, J. H., *P.&Chm.Ch.E.*
Weiland, W. F., *P.M.E.*
Wolford, J. C., *Asst.P.E.Mech.*
Young, L. E., *Assoc.P.E.Mechs.*

McCook

DeBaufre, W. L., 1310 W. Circle Drive

Omaha

Alsmeyer, W. C., *Struct.Eng.*, Leo A. Daly Co.
Draper, C. R., *Mgr.Res.*, Northern Natural Gas
Jacobs, S. N., *Pres.*, Elec. Radio-Tel. Inst.

University of Omaha

Brown, J. H., *Assoc.P.Engr.*
Kurtz, J. W., *Asst.P.Emeritus*
Prewett, C. H., *Assoc.P.Eng.*
Williams, R. M., *Asst.P.Acct.*

NEVADA

Reno

Dickinson, D. F., 1140 Ralston

University of Nevada

Blodgett, H. B., *DeanEng.*
Bonell, J. A., *P.C.E.*
Liefson, S. W., *P.&H.Physics*
Menke, E. M., *E.E.*
Sandorf, I. J., *P.&Chm.E.E.*
Van Dyke, J. R., *P.&H.M.E.*

NEW HAMPSHIRE

Canaan

Welch, A. H.

Durham

University of New Hampshire

Alling, E. S., *Assoc.P.C.E.*
Bowler, E. W., *P.C.E.*
Donovan, E. T., *ActingDean*
Faiman, R. N., *Dn.Tech.*
Hitchcock, L. W., *P.Emer.E.E.*
Hraba, J. B., *Assoc.P.,E.E.*
Kauppinen, T. S., *Assoc.P.M.E.*
Kolega, J. J., *Ch.Agr.E.*
Lavine, T., *P.Ch.E.*
Melvin, D. W., *Instr.E.E.*
Mosberg, W., *Asst.P.M.E.*
Nulsen, W. B., *P.H.E.*
Palmer, R. S., *Hd.Agric.E.*
Skelton, R. R., *P.C.E.*
Solt, M. R., *P.Math.*
Stolworthy, E. H., *P.M.E.*
Valentine, R. L., *Assoc.P.M.E.*
Webster, K. S., *Asst.P.M.E.*
Winn, A. L., *P.&Chm.E.E.*
Wright, W. H., *Asst.P.Phys.*
Zimmerman, O. T., *P.&Hd.Ch.E.*
Zoller, J. H., *Chm.C.E.*

Hanover

Dartmouth College

Brown, E. S., *P.C.E.*
Ermenc, J. J., *P.M.E.*
Heckbert, A. I., *Asst.P.E.E.*
Kimball, W. P., *P.C.E.,Dean*, Thayer School of Engrg.
Leclair, K. A., *Asst.P.C.E.*
Long, C. F., *Asst.P.C.E.*
Metcalf, A. H., *Libr.*
Morgan, M. G., *Dir.Res.&P.E.E.*
Reynolds, C. C., *Asst.Dn.&Asst.P.M.E.*
Sears, F. W., *P.Phy.*
Sherrard, E. A., *P.M.E.*
Stearns, S. R., *P.C.E.*
Taylor, G. A., *P.Eng.&Mgmt.*
Wood, J. A., *P.E.E.*

Milford

Grasso, S. P., *Civil & SanitaryEngr.*, Anderson-Nichols Co.

NEW JERSEY

Bayonne

Raudebaugh, R. J., *Head*, Ferrous Alloys Section

Belleville

Kiernan, C. J., 12 Floyd St.

Bound Brook

Quackenbos, H. M., *Asst.Dir.,Devel.Dept.*, Bakelite Co.

Caldwell

Ward, J. S., *Consult.Engr.*, J. S. Ward, Inc.

Camden

RCA

Arthur, G. R., *Mgr.Prod.Des.AirborneSys.*
Bailey, R. E., *Commun.Engr.*
Cochran, S. W., *Mgr.Adm.*, Standards & Services
Kreiger, H., Jr., *Adm.Eng.Pers.Rel.*
McCulloch, F. W., *Coord.Gen.Employ.Prac.*
Tyson, H. B., *Engr.*

Clifton

Feldman, W., *SalesEngr.*, Charvoz-Roos Corp.
Muni, H. W., *Asst.toV.Pres.*, Magor Car Corp.

Kearfott Company

Frangipane, L. J., *Ind.Engr.Trg.&Educ.*
Lichtenstein, B., *GroupLeader*, Gyrodynamics Lab.

Cranford

Union Jr. College

Wolf, E., *Asst.P.E.&Phy.*

Denville

Phelps, E. D., *Mgr.Pers.Res.&Devel.*, Reaction Motors, Inc.

East Orange

Colvin Laboratories, Inc.

Colvin, C. H., *Pres.*

Englewood Cliffs

Welch, W. R., *Assoc.Ed.,Engr.Books*, Prentice-Hall, Inc.

Fanwood

Davis, V. O., *Co-ord.Col.Recruit.*, Union Carbide Corp.

Farmingdale

Cavalconte, C. C., *Sr.Res.Engr.*, Republic Aviation

Harrison

Worthington Corp.

Thompson, J. J., *Mgr.*, Personnel & Trng. Dept.

Hoboken

Currier, T. H., *Mgr.*, Venus Pen & Pencil Corp.

Stevens Institute of Technology

Bilyk, M. H., *Assoc.P.Mach.Des.*
Borg, S. F., *Hd.C.E.*
Bornemann, A., *P.Met.*
Cleveland, F. W., Jr., *Asst.P.Ind.Eng.*
Davis, J. H., *Pres.*
Fee, H. R., *Dir.Place;AlumniAssoc.*
Fife, J. P., *H.ofHuman.*
Lawlor, J. J., *Asst.P.Mach.Des.*
Lesser, A., Jr., *P.&H.I.E.*
Martinuzzi, P. F., *P.M.E.*
Memory, N. H., *Dir.Adm.*
Menig, J. V., *Asst.P.Mach.Des.*
Merrill, L. L., *DeanFaculty&H.Math.*
Morrow, H. W., *Asst.P.C.E.*
Moser, K. J., *Assoc.P.M.E.*
Page, R. H., *P.M.E.*
Polowy, Henry, *Asst.P.Math.*
Potter, J. H., *DeanGrad.St.*
Reeks, M. R., *Assoc.P.Math.*
Rettig, G. P., *Asst.P.M.E.*
Rose, N. J., *Asst.P.Math.*
Spinner, A. H., *Assoc.P.Eng.Econ.*
Sullivan, W. L., *P.&Hd.E.E.*
Villers, R., *Assoc.P.Ind.Eng.*
White, J. M., *Assoc.P.I.E.*
Williams, S. C., *Assoc.P.Ind.E.*

Jersey City

Balter, L. M., *Dir.*, Jersey City Tech. Institute
DeCotiis, J. C., *Inst.Chem.BoardofEdu.*

Jersey City Junior College

Dimatteo, J. E., *Asst.P.Eng.&Des.Geom.*

Liberty Corner

Sutherland, W. A., *Mem.*, N. J. Board of Educ.

Linden

Esso Research & Eng. Co.

Bieber, H., *GroupHd.*
Cross, T., Jr., *CollegeLiaison,Emply.Rel.*
Rice, H. T., *Coord.Prof.Employ.*

Lyndhurst

Knight, O. S., S. B. Penick & Co.

Millburn

Hazeltine, A., 15 Tower Dr.
Shackleton, S. P., *Consult.Comm.&Train.*, 430 Wyoming Ave.
Thomas, G. B., *Pers.Dir.*, Bell Tel. Lab. Ret.

Montclair

Davis, H. L., 194 Inwood Ave.
Gilbreth, L. M., *Pres.*, Gilbreth, Inc.

Moorestown

Matthews, E. W., Jr., *Engr.*, Radio Corporation of America

Mountain Lakes

Moore, H., *S.A.E.*

Murray Hill

Moen, W. B., *Asst.Dir.Met.Res.*, Air Reduction Co., Inc.

Bell Telephone Labs.

Gells, J. W., *Asst.toV.P.*
Ingram, S. B., *Dir.Educ.&Tr.*
Leamer, F. D., *Pers.Dir.*
Michael, F. R.
Sheldon, H. E., *Tr.Supv.*
Shive, J. N., *Dept.Edu.&Train.*,
Smith, H. P., *Tech.Empl.Supr.*
Stallman, E. B., *PersonnelSup.*
Waters, E. W., *Asst.toV.Pres.*
Wilson, H. D., *Pers.Supvr.*

Daystrom, Inc.

Jeffries, R. J., *Asst.toPres.*
Stafford, W. C., *Dir.Prof.Devel.*

Newark

Bergen, M. J., Port of New York Authority
Hoyt, H. C., *Pers.Repr.Engr.Dept.*, E. I. du Pont de Nemours and Co.
Kattwinkel, O. F., *SpecialAsst.toDist.Chief*, Missile Program, Air Mtl. Command

Public Service Gas & Elec. Co.

Hooven, M. D., *E.E.*
Van Zile, L. W., *Asst.Eng.*

Newark College of Engineering

Anderson, R. E., *P.&Exec.Assoc.E.E.*
Bannon, R. E., *Assoc.P.Met.,Mech.E.*
Barkan, H., *Asst.P.Math.*
Bauder, F. W., *P.Ch.*
Bertsch, C. V., *P.Physics*
Bishop, J. A., *P.Chem.*
Blanchard, R. D., *Dir.Pub.Rel.*
Bradley, J. A., *Pch.E.*
Branin, M. L., *Chmn.,Chem.*
Burns, F. J., *Chm.E.Dr.*
Burt, F. C., *Inst.English&Chem.E.*
Capecelatro, A., *Ex.Assoc.P.Physics*
Ciesla, M., *Asst.Instr.Phys.*
Crater, W. H., *Assoc.P.English*

Dixon, H. S., *P.&Chm.E.E.*
Dujets, M. J., *P.E.Dr.*
Entwisle, F. N., *P.Emeritus*
Estrin, H. A., *P.English*
Fishman, S., *P.E.E.*
Fithian, J. H., *P.Math.*
Fitzgerald, J. M., *Asst.P.Chem.*
Frederick, M., *Assoc.P.Ch.E.*
Gaal, R. A., *Asst.Inst.M.E.*
Goldstein, I. R., *Assoc.P.Mgmt.E.*
Grammer, F. A., *Dn.Adm.*
Granik, G., *Inst.Phys.*
Graves, H. H., *Inst.Engr.Dr.*
Greenbaum, B. A., *Assoc.P.Phys.*
Hall, D. R. A., *Asst.toPres.*
Hanus, J. J., *Inst.E.Dr.*
Haubner, R. K., *Asst.Registrar*
Hazell, W., *Dean*
Hoffman, P. O., *P.&Hd.Phys.*
Holbrook, G. G., *Adj.P.Pers.Rel.*
Jacobs, R. M., *Asst.P.M.E.*
Jaffe, W. J., *P.Mngmt.Eng.*
Joffe, J., *P.Ch.E.*
Johnson, A. P., *Asst.Dir.Counsel.*
Johnson, E. F., *Asst.P.English*
Jordan, W., III, *P.E.E.*
Karsten, H., *Inst.E.Dr.*
Keables, N. C., *Assoc.P.Engl.*
Keefe, G. C., *P.Ch.E.*
Kiehl, R. E., *P.Mgt.&Per.*
Kiernan, C. J., *Assoc.P.Emeritus*
Kingery, B. T., *Asst.P.Physics*
Konove, C., *Assoc.P.Math.*
Koren, C., *Asst.P.Math.*
LaLonde, W. S., Jr., *P.&Chm.C.E.*
LaVerda, M. J., *Inst.Mgt.Eng.*
Lehman, F. G., *Assoc.P.C.E.*
Levodow, W., *Inst.E.E.*
Lewis, F. H., *Dir.Counsel.Cent.*
Loveridge, L. E., *Asst.P.Physics*
Lubin, J. L., *Assoc.P.Pers.Rel.*
Mainardi, M. N., *Assoc.P.Phys.*
Mainardi, P., *Exec.Assoc.&P.Math.*
Malaker, S. F., *P.NuclearEngr.*
Mangasarian, R. D., *Assoc.P.C.E.*
Mangnall, D. H., *Registrar;Asst.Dir.Ev.Ses.*
Mantell, C. L., *Chm.Chem.E.*
Mavromatis, A., *Inst.Phy.*
Meola, R. R., *Asst.P.E.E.*
Metzger, I., *Asst.P.C.E.*
Michels, W. J., *Asst.P.M.E.*
Mihalasky, J., *Inst.Mgt.E.*
Miller, E., *Assoc.P.M.E.*
Mohsen, A., *Inst.E.E.*
Molina, E. C., *Adj.P.Math.*
Monack, A. J., *Asst.P.Phys.*
Napier, J. J., *Asst.P.English*
Nielsen, P. E., *P.Mech.*
Noyes, L., *Inst.Mgmt.&Pers.*
Orens, I. P., *P.Phys.&Chm.,Grad.Sch.*
Padalino, J. J., *Assoc.P.E.E.*
Pearce, D. C., *Inst.M.E.*
Polaner, J. L., *P.&Exec.Assoc.M.E.*
Poss, I. M., *Inst.M.E.*
Possamai, R., *Inst.Physics*
Predale, J. O., *Assoc.P.M.E.*
Ram, G. L., *Asst.P.Chem.*
Ramberg, E. G. F., *P.App.Mech.*
Reiziss, O., *Inst.Physics.*
Rich, J. A., Jr., *Assoc.P.Mgmt.*
Rights, R. M., *Inst.Eng.Dr.*
Robbins, J. M., *P.C.E.*
Russell, F. A., *P.&ActingChm.E.E.*
Salamon, R. G., *Exec.Assoc.&Asst.P.E.Dr.*
Salzarulo, L. M., *Instr.Chem.*
Schmerzler, L. J., *Asst.P.M.E.*
Schnack, H. H., *Spec.Inst.Pers.Rel.*
Schneider, T. A., *Asst.P.M.E.*
Shapiro, L., *Asst.P.C.E.*
Shawcross, J. T., *Assoc.P.English*
Shedd, P. C., *P.E.E.*
Sizelove, O. J., *P.&Ch.Mgmt.*
Smith, H. H., *Asst.P.Physics*
Smithberg, E. H., *Assoc.P.M.E.*
Stamper, E., *Asst.P.M.E.*
Steinberg, A. H., *Inst.Engl.*
Stephens, C. H., *Dir.Ind.Rel.&Spec. Courses*
Taylor, R., *Asst.Inst.Physics*
Thom, G. B., *P.&Chm.M.E.*
Towfik, N. M., *Instr.Phys.*
Tully, T. J., *Assoc.P.Chem.*
Tumbleson, I. A., *Libr.*
Van Houten, R. W., *Pres.*
Virene, E. P., *Assoc.P.Math.*
Wasson, H. P., *Assoc.P.Math.*
Weinstein, J. H., *Asst.P.M.E.*
Weller, M. R., *Asst.P.Physics*
Widdop, R., *P.M.E.*
Williams, G. L., *Inst.Phys.*
Wilson, C. E., Jr., *Asst.Inst.M.E.*
Winston, J., *Asst.P.E.E.*
Winters, S. B., *Inst.English*
Wise, J. N., *Inst.English*
Zirnite, G. P., *Inst.English*

Newark School of Industrial Drafting

Feeney, E. J., *Dir.*

New Brunswick

Heinlein, D. M., *Headmaster,* Rutgers Preparatory School

Rutgers University

Ayers, M. T., *P.&Chr.Gen.E.,Asst.Dean*
Bacha, C. P., *Assoc.P.M.E.*
Barrett, M. C., *Instr.G.E.*
Besley, H. E., *P.&H.Ag.E.*
Brown, W. J., *Inst.G.E.*
Buch, W. G., *Inst.M.E.*
Calendar, H. L., *Asst.P.G.E.*
Daggett, P. H., *P.Emer.E.E.*
DelMastro, A. J., *Assoc.P.C.E.*
Dougherty, C. R. G., *Assoc.P.M.E*
Easton, E. C., *Dean*
Fich, S., *P.E.E.*
Gluck, S. E., *Inst.*
Imming, H. S., *Asst.P.M.E.*
Johnson, A. R., *P.Str.Des.Emer.*
Jumikis, A. R., *R.C.E.*
Koenig, J. H., *Dir.Sch.Cer.*
Kuebler, A. A., *Asst.P.G.E.*
Lendall, H. N., *P.Emer.C.E.*
Longo, C. V., *Assoc.P.E.E.*
Malmberg, B. O., *Assoc.P.M.E.*
Moore, M. B., *P.M.E.*
Newton, J. P., *P.E.E.*
Owen, S. P., *P.Exec.Offcr.&P.Gen.E.*
Peck, E. B., *P.I.E.*
Pelan, B. J., *Asst.P.M.E.*
Potter, J. L., *H.E.E.*
Rankin, J. R., Jr., *Asst.P.E.E.*
Rice, P. P., *Assoc.P.C.E.*
Ruble, G. B., *Inst.E.E.*
Rumer, R. R., Jr., *Inst.C.E.*
Sailor, S., *Asst.P.C.E.*
Snow, W. B., *P.Sanit.Engr.*
Stett, J. D., *P.Met.*
Van Benschoten, R. P., *Inst.M.E.*
Whitmer, C. A., *P.Phy.*
Wiesenfeld, J., *P.C.E.*

Nutley

Murphy, J. W., 272 Chestnut St.
Wood, E. C., *Gen.Mgr.,* Wood-Regan Instrument Co.

Passaic

U. S. Rubber Co.

Rhodes, T. J., *Res.Eng.*

Penns Grove

Hill, C. B., Jr., *Supv.Employ.&Train.,* E. I. du Pont de Nemours & Co.

Phillipsburg

Swedlow, J. L., *Develop.Engr.,* Adv. Engr. Dept., Ingersoll-Rand Co.

Plainfield

Masnaghetti, R. K., *Mgr.,Res.&Anal.,* Stavid Engineering

Princeton

Conlon, E. W., *Gen.Mgr.*, Turbomotor Div., Curtiss-Wright Corp.
Thompson, J. S., *V.Chmn.Bd.Ret.*, McGraw-Hill Book Co.

D. Van Nostrand Co.
Clark, A. N., *Editor&V.P.*
Saros, T. A., *Assoc.Editor*
Upson, J. F., *Pub.Repr.*

Educational Testing Service
Fornoff, F. J., *Head,Sci.Sec.TestDev.Dept.*
Saunders, D. R., *Res.Assoc.*

Radio Corporation of America
Burrill, C. M., *Res.Engr.*
Wolff, I., *V.Pres.Res.*

Princeton University
Angas, W. M., *Chr.C.E.*
Bachert, R. F., *Inst.Graphics*
Bigelow, A. L., *Asst.P.Graph.*
Chandler, H. M., Jr., *Asst.P.E.E.*
Elgin, J. C., *DeanEng.P.Ch.E.*
Heacock, F. A., *P.&H.Graphics*
Irish, S. B., *Assoc.P.C.E.*
Johnson, E. F., *Assoc.P.Ch.E.*
Johnson, W. C., *Chmn.E.E.*
Kissam, P., *P.C.E.*
Kjetsaa, C. E., *Inst.M.E.*
Mather, N. W., *Assoc.P.E.E.*
Maxwell, B., *Assoc.P.M.E.*
Menand, H., *Lec.Asst.Dean*
Ojalvo, M., *Asst.P.C.E.*
Reaser, W. E., *Assoc.P.M.E.*
Schmid, W. E., *AsstP.C.E.*
Slaby, S. M., *Assoc.P.Gr.*
Sollenberger, N. J., *P.C.E.*
Soo, S. L., *Assoc.P.M.E.*
Sorenson, A. E., *Assoc.P.M.E.*
Suppiger, E. W., *P.M.E.*
Tassoney, J. P., *Asst.P.Chem.E.*
Toner, R. K., *Assoc.P.Ch.E.*
Tschebotarioff, G. P., *P.C.E.*
Tucker, A. W., *P.Math.*
Whitwell, J. C., *P.Ch.E.*
Wilhelm, R. H., *Hd.Ch.E.*
Willis, C. H., *P.E.E.*
Winterkorn, H. F., *Assoc.P.C.E.*
Woodrow, R. J., *Ex.Offr.,Res.&Inv.*

Ridgewood

Taber, B., 232 Maple Ave.

Rutherford

Fairleigh-Dickinson University
Black, C. W., *Assoc.P.Sci.&Engrg.*
Goudey, G. M., *Asst.P.Eng.Dr.*
Holub, R. W., *Asst.P.Engl.*
Merz, C. J., Jr., *Inst.M.E.*

Scarsdale

Dexter, G. M., *Consul.Ind.Engr.*

Sommerville

Anderson, R. H., *V.Pres.*, Diehl Mfg. Co.

Trenton

School of Industrial Arts
Carver, L. A., *Dir.*

Union

Faunce, S. F., *Dir.Res.*, John Wood Co.
Schneider, W. L., 239 Chestnut St.

Upper Montclair

Cummings, H. N., 695 Grove Street
Davis, H. L., 194 Inwood Ave.
Osborne, H. S., *ConsultingEng.*

Whippany

Bell Telephone Labs.
McCabe, B., *Tech.Staff*

Wood-Ridge

Curtiss-Wright Corporation
McKee, O. G., *ProjectsEngr.,Adv.Engines*

NEW MEXICO

Albuquerque

Crane, E. J., 414 Pine S. E., Apt. 3

Sandia Corp.
Allman, J. M., *Mech.Engr.*
Benischek, H. W., *Supv.Res.&Dev.Contracts*
Hill, A. M., *SectionSupervisor*
Linn, M. K., *Suprv.*, Case Costs, Library & Files Services Div.
Norris, F. F., *StaffMem.*
Wright, O. L., *Dept.Mgr.;Res.&Dev.*

University of New Mexico
Bailey, A. P., *Assoc.P.M.E.*
Baker, W. E., *Instr.M.E.*
Bocquet, P. E., *Assoc.P.Chem.E.*
Brown, C. R., *Assoc.P.M.E.*
Castonguay, T. T., *Chair.Ch.E.*
Clough, R. H., *Assoc.P.C.E.*
Dove, R. C., *Assoc.P.M.E.*
Eckersley, A., *Lect.E.E.*
Ellis, J. L., *Prof.E.E.*
Farris, M. E., *Dean&P.M.E.*
Ford, A. D., *P.M.E.*
Gafford, W. R., *Assoc.P.C.E.*
Grace, C. T., *Chmn.M.E.*
Heimerich, J. J., *P.&Chm.Arch.&Arch.Eng.*
Huzarski, R. G., *Assoc.P.C.E.*
Johnson, K. R., *Inst.M.E.*
Martinez, J. E., *Assoc.P.C.E.*
May, M. C., *Assoc.P.C.E.*
Melloh, A. W., *P.E.E.*
Moore, R. K., *P.&Chm.E.E.*
Skoglund, V. J., *Assoc.P.M.E.*
Stoever, H. J., *P.M.E.*
Tapy, R. W., *P.E.E.*
Thorn, D. C., *E.E.*
Wagner, W. C., *Chmn.C.E.*

Kirtland Air Force Base

Ritchie, C. A., *Mech.Engr.*

Las Cruces

Reams, D. C., Jr., *Photochem.Res.*, 441 El Molino Blvd.

Los Alamos

Jones, D. W. B., 3037 B Walnut

Univ. Calif. Los Alamos Sci. Lab.
Crew, W. H., *Asst.Dir.Sci.Pers.*
Durham, F. P., *Gr.Leader*
McDonald, R. N., *Des.Eng.*

Portales

Eastern New Mexico University
Pendergast, R. C., *Inst.Engr.*
Penick, J. M.

Socorro

New Mexico Institute of Mining and Technology
Hume, W., *Dir.*
Sanchez-Diaz, R., *P.&H.Math.*
Schufle, J. A., *Assoc.P.Chem.*
Taylor, L. B., *P.Pet.E.*
Thompson, A. J., *P.&H.Min.&Met.*

State College

New Mexico College of A. & M. Arts

Ammons, R. L., *Inst.M.E.*
Bromilow, F., *P.&H.C.E.*
Clark, J. W., *P.C.E.*
Coleman, H., *Asst.P.E.E.*
Crosno, C. D., *P.E.E.*
Duncan, R. H., *Assoc.P.E.E.*
Egermeier, R. P., *Asst.P.M.E.*
Field, J. W., *Asst.P.M.E.*
Hanson, E. G., *H.Agr.E.*
Hardgrave, J. M., *Asst.P.M.E.*
Lukens, A. M., *Hd.M.E.*
Morgan, J. P., *Assoc.P.M.E.*
Paniener, G. F., *Asst.P.M.E.*
Reams, D. C., Jr., *Asst.P.Ch.E.*
Shires, L. B., *P.&Hd.Ch.E.*
Thomas, M.A., *Dean*

NEW YORK

Albany

Coyle, F. J., 23 S. Pearl St.
Poskanzer, S. M., *Jr.Bldg.Elec.Engr.*, N. Y. Dept. of Pub. Works
Schmidt, E. L., 1043 Washington Ave.
Wiley, G. E., *Gen.Pers.Sup.*, New York Telephone Co.

New York State Educ. Dept.

Almstead, F. E., *Spec.Cons.Educ.T.V.*
Freeman, N. L., *Secy.Bd.ofExaminers*

State University of New York

Anderwald, C. J., *Assoc.inEduc.*
Jarvie, L. L., *ExecutiveDean*
Rapp, M. A., *Assoc.Exec.DeanInst.&Comm. Col.*

Alfred

State University of New York, Agriculture and Technical Institute

Burdick, G. F., *Asst.P.E.Dr.*
Campbell, R. M., *P.&Chm.Ceram.E.*
Frechette, V. D., *P.Cer.Tech.*
Gertz, F. H., *DeanofMen*
McMahon, J. F., *Dean*
Merritt, C. W., *Assoc.P.Cer.*
Perquin, N., *Asst.P.Mech.Tech.*
Sutton, W. J., *Assoc.P.Cer.Eng.*
Weinland, L. A., *Asst.P.Chem.*
Whitney, G. S., *Chm.Ind.Div.*

Bayside

Gibson, N. W., *Sup.Pers.*, Sylvania Electric Products

Binghamton

Broome Technical Community College

Sitterlee, L. J., *Head,Elec.Tech.*
Tyrrell, C. C., *Pres.*

Bronx

State University of New York Maritime College

Basile, N. K., *Inst.Engr.*
Bond, T. H., *E.E.*
Cashion, J. J., *Inst.E.*
Foody, J. J., *P.&Chm.MarineE.*
Kaufman, R., *Eng.Draw.andGeom.*
Porter, A. O., *DeanofCollege*
Redmond, P. M., *Asst.Inst.Engr.*
Renzi, P. N., *Mech.*
Rowen, W. I., *Asst.Inst.Engr.*
Wennagel, W. G., *Asst.P.E.*
Wiggins, P. F., *Asst.Inst.Engr.*
Zubaly, R. B., *Asst.P.Engr.*

Brooklyn

Battista, V. P., *Dir.*, Insti. Design & Const.
Beach, R., *Pres.*, Robin Beach Engnrs.
Cholet, B., *V.P.*, Higgins Ink Co.
Field, C., *Pres.*, Flakice Corp.
Gus, C. E., *Chaplain*, St. John Hospital, 480 Herrimer
Kirk, F. S., *Dir.Publications*, U.S.N. Correspondence Course Center
Liebersohn, A., *Res.&Cons.Elec.Engr.*, 241 Powell St.
Midgette, E. L., *Dir.ofE.&Res.,Intertype Corp.*

Brooklyn College

Bloom, M. L., *Inst.Art*
Levenson, M. E., *Inst.Math.*

Brooklyn Polytechnic Institute

Aidala, J. B., *Asst.P.E.E.*
Angelo, E. J., Jr., *P.E.E.*
Aries, R. S., *Adj.P.Ch.E.*
Armento, W. J., *P.C.E.*
Bartels, J., *P.M.E.*
Bell, N. R., *Assoc.P.E.E.*
Burstein, S. Z., *M.E.*
Canavaciol, F. E., *P.E.E.*
Capuro, A. D., *Dir.Adm.*
Chaikin, P., *Asst.M.E.*
Chu, J. C., *P.Ch.E.*
Church, E. F., Jr., *P.Emer.M.E.*
Curreri, J. R., *P.M.E.*
DeCicco, P. R., *Asst.P.C.E.*
Donahue, T. L., *P.&Hd.Engl.&Psychol.*
Fazekas, G.A.G., *Assoc.P.M.E.*
Fox, B. B., Jr., *Inst.E.Econ.*
Giordano, A. B., *P.E.E.*
Grau, H., *Asst.P.M.E.*
Gruehr, A. R., *P.&Hd.Econ.*
Halpert, V. B., *Asst.P.English*
Hammer, S. S., *Inst.M.E.*
Hausmann, E., *Dean,Emer.*
Hostetter, J. W., *Assoc.P.E.E.*
Kalish, Alda, *Inst.Math.*
Kent, G. J., *Adj.P.E.E.*
Liwschitz-Garik, M., *P.E.E.*
Lopata, S., *Asst.P.Econ.*
Lynch, W. A., *P.E.E.*
Marcuvitz, N., *P.E.E.*
Matte, A. L., *Assoc.P.E.E.*
McCabe, W. L., *Adm.Dean*
Middendorf, H. Q., *Dean of Men*
Ming, F. W., *P.M.E.*
Moorman, R. B. B., *P.&Hd.C.E.*
Oergel, C. T., *Hd.M.E.*
Othmer, D. F., *P.&H.Ch.E.*
Overberger, C. G., *Hd.Chem.*
Pignataro, L. J., *Asst.P.C.E.*
Pohle, F. V., *P.App.Mechs.*
Rosenthal, S. W., *Res.Asst.P.E.E.*
Ruten, W. H., *P.M.E.*
Saidla, L. E. A., *P.&H.Engl.*
Schaffner, C. E., *P.C.E.,Asst.Dean&Dir.Ev. Sess.*
Schwalje, J. L., *Assoc.P.M.E.*
Schwartz, M., *Assoc.P.E.E.*
Setchell, J. E., *Asst.P.Emer.M.E.*
Sharlin, H. I., *Inst.Econ.&His.*
Slack, E. P., *P.Phys.*
Soehngen, H. F., *Assoc.P.C.E.*
Steinberg, M. J., *P.M.E.*
Steward, M. W., *Assoc.P.C.E.*
Stone, G. P., *Assoc.,P.M.E.*
Streubel, E. J., *DeanEm.*
Truxal, J. G., *Hd.,E.E.*
Vallese, L. M., *Assoc.P.E.E.*
Velt, R. C., *P.C.E.*
Weber, E., *Prs.*
Whipple, C. C., *P.&H.E.E.*
Whitford, D. E., *Assoc.P.Math.*
Wile, H. P., *Adm.Res.*
Wright, C. A., *P.Hyd.&S.E.*

New York City Community College

DeFrance, J. J., *Dept.Hd.Elec.Tech.*
Fibel, L. R., *Dn.Stud.*
Klitgord, O., *President*
Krauss, J. E., *P.&Hd.M.Tech.*
Laffin, C. W., Jr., *Dean*
Schmitz, F. W., *Assoc.P.Ch.E.*

Pratt Institute

Anderson, C. R., *Asst.Dean&Dir.Sci.&Tech. Div., Eve.Sch.*
Basch, P. H., *Asst.P.M.E.*
Benedict, O., Jr., *P.Ind.E.*
Borecki, T. B., *Asst.P.Ind.E.*
Carr, C. C., *Chmn.P.E.E.*
Charton, M., *Inst.Chem.*
Cook, A. L., *Director,Emer.*
Cook, R. H., *Prof.&Hd.ofMath.&Phys.*
Cooper, A. H., *Chm.Ch.E.*
Cowles, W.H.H., *P.Emer.Math.*
Doll, A. W., *Asst.Dean.&Chmn.Physics*
Duncan, D. S., *Asso.P.Phys.*
Hashmall, M. L., *Asst.P.E.E.*
Helme, G. C., *Asso.P.Math.*
Hirschkop, R., *Inst.Math.*
Jacobs, L., *Asst.P.E.E.*
Jones, C. B., *Met.Engr.Emer.*
Krinsky, H. Y., *Asst.P.Ch.E.*
Lake, R. E., *P.Physics*
Lambe, E. P., *P.Phys.Emer.*
Mahrous, H., *Chm.E.E.*
Mischke, C. R., *Hd.M.E.*
O'Gorman, J., *P.&Chmn.Chem.*
Pollack, H., *Inst.Mnf.Process*
Powers, M. W., *PlantDir.*
Quier, K. E., *P.M.E.*
Shames, I. H.
Thatcher, C. M.
Toole, C. E., *Asst.P.Physics*
Vitrogan, D., *Chm.Elec.Tech&Assoc.P.E.E.*
Wilson, W. E., *Dn.*
Zelios, D., *P.&Chmn.I.E.*

Brookville

C. W. Post College

Huntley, H. R., *Dir.Pre-Eng.Program*

Buffalo

Prosser, R. A., *Supr.Tech.Ed.*, Board of Ed.
Staniszewski, F. P., *Sr.Eng.*, Sylvania Electric Co.

Erie County Technical Institute

Bensman, C. H., *Hd.El.Tech.*
Marsh, R. W., *Sr.Instr.Appl.Phys.*
Newell, R. F., *Inst.Math.*
Notar, E., *Dean*
Peacock, D. E., *Inst.English*
Shenton, J. E., *Head,Mech.Tech.*

University of Buffalo

Balint, A. T., *Assoc.P.E.E.*
Beane, J. A., *P.&H.Dr.,Mechs.&Des.*
Coleman, J. B., *Assoc.P.E.E.*
Ewell, R., *ViceChancellor Res.*
Fischer, F. P., *P.&H.E.E.*
Fleming, W. J., Jr., *Assoc.P.E.*
Fogel, C. M., *Assoc.P.Eng.&Dir.Studies*
Gehman, H. M., *P.Math.*
Gidzinski, J. D., *Inst.Mech.*
Kamm, A. J., *Lecturer.Mech.*
Ketter, R. L., *P.&Hd.C.E.*
Kleinschmidt, R. B., *P.E.*
McCullough, E. S., *Inst.Dr.,Mech.&Des.*
Mohn, P. E., *Dean&P.&H.M.E.*
Neubauer, R. A., *P.E.E.*
O'Callahan, K. B., *Lec.Draw.*
Powers, N. R., *Inst.Mech.&Des.*
Praemassing, G. N., *Lect.Dr.,Machs.&Des.*
Ranov, T., *P.Eng.*
Repetski, J. J., *Inst.M.E.*
Sarkees, Y. T., *Asst.P.E.E.*
Shaffer, R. E., *Assoc.P.M.E.*
Smith, R. K., *Asst.Dean*
Stellrecht, D. H., *Inst.Draw.,Mech.,Des.*
Strauss, H. E., *Assoc.P.M.E.*
Swager, W. M., *Assoc.P.Engr.Sch.*
Temlitz, R. L., *Lect.Draw.*
Thomas, F. H., *P.&H.I.E.*

Canton

Smith, P. W., 12 Farmer Street

N. Y. State Agric. and Tech. Inst.

Eno, R. S., *Assoc.P.*
French, A. E., *Director*
Miller, R. W., *Inst.Elec.Tech.*
Nevaldine, P., *Chm.Ind.Eng.*
Pries, L. F., *Inst.E.E.*
Viertel, W. K., *Inst.Assoc.P.Math.&Physics*

St. Lawrence University

Bates, O. K., *P.&Hd.Math.;Chm.BasicE. Comm.*

Champlain

Henshaw, C. N., *Res.&Dev.Eng.*, Sheridan Iron Wks.

Corning

Corning Glass Works

Thor, E., *FacilitiesEng.*
Weber, A. W., *Dir.Eng.*

Delhi

Agricultural and Technical Institute

Clifford, P. C., *Assoc.P.Const.Tech.*
Sommers, B. K., *Hd.Bldg.Cons.*

Delmar

Kelleher, W. J., *Sr.Engr.*, Hall & Co., Inc.

East Setauket

Gilmore, A. W., *Hd.Aero.Group*, Grumman Aircraft Engr. Corp.

Farmingdale

Republic Aviation Corp.

Bortner, R. L., *ChiefEngr.Adm.*
Wenk, L. P., *Dir.Per.&Train.*

State University Agricultural & Technical Institute

Allee, D. W., *Dean*
Griffith, E. C., *Dept.H.,Math.&Sci.*
Lincoln, R. T., *E.E.Dept.*
Moore, W. H., Sr., *Inst.M.E.*
Rogers, W. W., *Hd.Mech.Tech.*

Far Rockaway

Fremed, R. F., *Assoc.Editor*, Engineering Practice, *Chemical Engineering*

Flushing

Papamarcos, J., 62-09 138 Street
Seid, R. B., *Inst.Eng. Dr.*, Queens College

Academy of Aeronautics

Anderson, K. R., *Chm.Human.*
Behr, A. N., *Chm.Bas.Sci.*
Hartung, W. M., *VicePres.*
Hautau, R. H., *Asst.Hd.Phys.&Math.*
Hoehn, W. J., *HeadDept.E.Lab.*
Hwang, M. C., *Inst.Math.*
Jones, C. S., *Pres.*
Troell, R., *Chm.Electron.*
Wear, R. J., *DaySchoolAdmin.*

Fort Edward

Cessna, S. R., *Prod.Engr.*, General Electric Co.

Fredonia

Andolina, A. V., 11 Cushing St.

Freeville

Blanchard, F. A., Jr., Box 43

Garden City

Rizzi, A. J., *Pres.*, Carbro Construction Corp.

Adelphi College

Bryans, A. E., *Asst.P.Math.*
O'Conner, J. J., *Asst.Dean*
Porter, A. O., *DeanEngineering*
Rayfield, J. H., *Dir.Engr.Div.*

Glen Cove

Webb Inst. Naval Architecture

Curran, T. M., *P.NavalArch.*
Hinners, R. A., *P.NavalArch.&Hd.*, Luckenbach Grad. School
LaPierre, W. A., *P.E.E.*

Glen Falls

Taylor, K. A., *Dir.Res.*, Inter. Paper Co.

Great Neck

Akey, W. W., *Dir.Pers.*, Great Neck Public Schools

Sperry Gyroscope Co.

Jevarjian, A., *Train.Specialist*
Wolf, E. G., *Engr.Sec.Head*

Hastings on Hudson

Warlam, A. A., *Cons.Eng.*

Hempsted

Hofstra College

Boh, J. J., *Inst.Ind.Engr.*
Goldstein, S. P., *Chmn.Engr.*
Panzeca, P. J., *Inst.I.E.*

Hudson Falls

General Electric Company

Warner, D. F., *CapacitorDept.*

Ithaca

General Electric Co.

Katz, I., *Consult.Engr.*

Cornell University

Ankrum, P. D., *Assoc.P.E.E.*
Ball, W. H. W., *Inst.E.E.*
Bogema, M., *P.C.E.*
Booker, H. G., *P.E.E.*
Boyd, L. L., *Assoc.P.Ag.E.*
Burr, A. H., *P.&H.Mach.Des.*
Chinn, James
Christensen, N. A., *Dir.C.E.*
Cleary, S. F., *P.&Hd.E.Dr.*
Conta, B. J., *P.M.E.*
Cotner, W. W., *Assoc.P.E.E.*
Cottrell, C. L., *P.E.E.*
Cranch, E. T., *P.&Hd.Eng.Mech.&Mat.*
Cuykendall, T. R., *P.&Dir.,Physics*
Dart, O. K., Jr., *Asst.P.Agr.E.*
Dropkin, D., *P.M.E.*
Erdman, F. S., *P.Therm.Engr.*
Erickson, W. H., *P.E.E.*
French, O. C., *P.&H.Agric.E.*
Gates, C. D., *Assoc.P.&Hd.Sanit.E.*
Gay, N. R., *Assoc.P.H.-E.*
Gebhard, J. C., *P.C.E.*
Gebhart, B., *Assoc.P.M.E.*
Goode, H. P., *P.I.E.*
Grantham, G. E., *P.Emer.Phys.&Eng.Phys.*
Gray, H. E., *P.Agr.E.*
Gunkel, W. W., *Assoc.P.Agr.E.*
Guralnick, S. A., *Inst.C.E.*
Hedrick, J. E., *P.Chem.E.*
Hewitt, W. L., *Assoc.P.C.E.*
Hollister, S. C., *Dean*
Jeffrey, J. O., *P.Mech.&Mat'l.*
Levine, G., *Assoc.P.Agr.E.*
Lyon, G. B., *Assoc.P.C.E.*
Loberg, H. J., *Dir.M.E.*
Lueder, D. R., *Res.Assoc.AerialPhotographic*
Mable, H. H., *Assoc.P.M.Des.*
Mackey, C. O., *P.H.P.E.*
Mayer, P. G., *Asst.P.Hydraul.*
McManus, J. F., *Asst.Dean*
McNair, A. J., *P.C.E.&Hd.Surv.*
Meserve, W. E., *P.E.E.*
Moyer, D. H., *DirectorStu.Pers.*
Nichols, B., *Assoc.P.E.E.*
Ocvirk, F. W., *Assoc.P.Mach.Des.*
Osborn, R. E., *Assoc.P.E.E.*
Perkins, H. C., *P.Mech.*
Perry, J. E., *Em.P.C.E.*
Phelan, R. M., *Assoc.P.M.E.*
Poor, J., *Libr.*
Richards, W. L., *Assoc.P.C.E.*
Sampson, M. W., *Assoc.P.I.E.*
Schoder, E. W., *P.Em.Hyd.Em.*
Schultz, A. S., *P.&Hd.Ind.E.*
Sedlander, N. R., *Eng.Dr.*
Siefried, R. H., *Assoc.P.Engr.Dr.*
Smith, G. V., *P.Met.E.*
Smith, H. G., *P.&Asst.Dir.E.E.*
Smith, J. C., *P.Ch.E.*
Spencer, J. W., *Assoc.P.Agr.E.*
Spry, F. J., *P.Emer.C.E.*
Strong, E. M., *P.E.E.&Dir.Eng.Ind.Coop. Prog.*
Thatcher, R. Y., *P.Emeritus,Mgt.E.*
Underwood, P. H., *P.Emer.C.E.*
Wehe, R. L., *Assoc.P.M.E.*
Winding, C. C., *Dir.Chem.&Met.E.*
Wood, E. H., *Em.P.Mech.*
Zimmerman, S. W., *P.&H.E.E.Lab.*

Jordanville

Holy Trinity Orthodox Seminary

Alexander, N., *Dean*

King Point

Hubert, C. I., *Assoc.P.E.E.*, U. S. Merchant Marine Academy

Kingston

Skatrud, R. O., *Mgr.Engr.*, International Business Machines Corporation

Liverpool

Wendt, W. E., 816 Second Street

Long Island City

Burrows, C. R., *Vice-Pres.Eng.*, Ford Instrument Co.
Erdoss, B. K., *Pres.*, Korfund Co., Inc., Federal Shockmount Corp.
Kaufman, R., *TechnicalDir.*, M. Rosenblatt & Son, Naval Architects

Loudonville

Siena College

Champagne, R. G., *Asst.P.Math.*

Middletown

Orange County Community College

Halsey, H., *Inst.Physics*

Mineola, L. I.

Kommit, D. L., *Engr.*, Airborne Instruments Lab.

Montrose

Coulter, R. G.

Morrisville

State University of New York Agriculture & Technical Institute

Carter, R. J., *Asst.P.E.E.*
Zwinck, C. H., *Assoc.P.Ind.Div.*

New Hartford

Statt, C. J., *Mgr.Mft.Eng.*, General Electric Co.

New Hyde Park

Servo Corp. of America

Tornquist, T. E., *Sales*

New York

Andeen, J. W., *Mgr.Stud.Trg.*, Babcock & Wilcox Co.
Aries, R. S., *Pres.,Cons.Dept.*, R. S. Aries & Assoc.
Barker, H., *ConsultingEng.*, Barker & Wheeler Engineers
Barker, J. W., *Chmn.Board*, Research Corp.
Bass., L. W., *U.S.Ind.Chems.*, 60 E. 42nd St.
Bell, H. W., *Mgr.*, Book Dept., F. W. Dodge Corp.
Benedict, G. W., *Mgr.*, N. Amer. Aviation, Inc.
Bonn, G. S., *Chf.,Sci.&Tech.Div.*, N. Y. Public Libr.
Braidech, M. M., *Res.Dir.*, Nat. Brd. Fire Underwriters
Breault, E. E., *Tech.Pers.Dir.*, Ingersoll-Rand Co.
Buchbinder, H. G., *Tech.Writer*, Relyea Publ. Co.
Cain, F. J., 214 W. 92 St.
Calkin, J. B., *Pres.*, Calkin & Bailey, Inc.
Cavanaugh, W. T., *Exec-Sec.*, Engineers Joint Council
Chu, T. Y., 2440 Sedgwich Avenue
Deane, C. W., Industrial Chemicals, 99 Park Ave.
Decker, J. J., *Asst.toPres.*, American Radiator & Standard Sanitary Corp.
deLorenzi, O., *Dir.Educ.&FuelsConsult.*, Combustion Engrg., Inc.
Derby, E. M., *Mgr.,Mgmt.Ed.*, Met. Life Ins. Co.
Dorr, J. V. N., *Chmn.Bd.*, Dorr Co. Engrs.
Elder, G., *Col.Empy.Coord.*, Pers. Dept., N. Y. Tel. Co.
Enell, J. W., *Dir.Info.Serv.&Surv.*, Amer. Mgt. Assoc.
Famularo, J. J., *Dir.Employ.Rel.*, Columbia Gas Sys. Serv. Corp.
Ferris, E. A., *Supr.Traing.*, Combustion Engineering, Inc.
Fetahliogulu, O., *Sr.Des.Struct.Eng.*, Ebasco Services, Inc.
Fryling, G. R., *Assoc.Editor,Combustion*, Combustion Publishing Co., Inc.
Furla, J. J., *Dir.Tr.*
Gates, R. McF., *Pres.*, Air Preheater Corp.
Gordon, P. B., *V.P.*, Wolff & Munior, Inc.
Hansen, H. J., *Editor*, Ruben H. Donnelley Corp.
Herod, W. R., *Pres.*, Interntl. Gen. Elec. Co.
Hertz, D. B., Arthur Andersen and Co.
Hinkley, J. W., *Pres.*, Research Corp.
Hotchkiss, J. G., *Dist.Engr.*, Secy. Comm. Ed., Amer. Inst. Steel Constr., Inc.
Hunsbedt, T. N., *Dir.Admin.*, Atomic Energy Div.
Hutchisson, E., *Dir.*, Amer. Inst. Physics
Kavanagh, T. C., Praeger-Kavanagh Eng. Co.
Larkin, W. H., *Engnr.*, Air Preheater Corp.
Lester, B., *Const.Mgmt.*, 140 Cedar St.
McBride, G. T., Texas Gulf Sulphur Co.
Lobo, W. E., *ConsultingEngineering*, 124 East 40th Street
Medford, W. E., *CoordinatorofCollegeRelations-Personnel*, Western Elec. Co.
Moore, R. F., *Vice-Pres.* Richardson, Bellows, Henry & Co.
Murphy, E. F., *Chief,Res.andDev.*, Vet. Adm.
O'Connell, D. J., *Pres.*, Daniel J. O'Connell, Consul. Engrs.
Oppenheimer, F., *Pres.*, Gramercy Guild
Peterson, E. J. Col.
Peterson, E. J., Col.
Plummer, F. L., *Nat.Sec.*, Amer. Weld. Society
Porter, N., *Consult.Eng.*, 2488 Grand Concourse
Pregel, B., *V.P.*, French University, P. of P.
Probst, G. E., *Exect.Dir.*, Thomas Alva Edison Foundation
Rath, E. R., *Exec.V.P.*, National Ind. Leather Assoc.
Remmers, W. E., *V.P.*, Union Carbide Corporation
Rendel, T. B., *Asst.toVicePres.inMftg.*, Shell Oil Co.
Ross, J. B., *Mgr.Coll.Dept.*, Reinhold Book Div.
Roulillon, L. H., *Dir.*, Mechanics Institute
Shaffer, R. F., *Cons.Chem.Engr.*, 342 Madison Ave.
Sisco, F. T., *Dir.*, Engineering Foundation
Skelley, C. L., 110 W. 57th St.
Slater, L. E., *Ex.Dir.*, Foundation Instrumentation Edu.
Smith, L. P., *Pres.*, Avco Mfg. Corp.
Snader, D. L., *Cons.Engr.*, 80 Park Ave.
Spencer, H. L., *Exec.Dir.*, S. H. Kress Fdn.
Steinman, D. B., 117 Liberty St., *Cons.Eng.*
Strandh, E. S., *Sci.Adv.*, Swedish Embassy
Street, J., Jr., *StaffDir.Educ.Aids&Tech. PublicRel.*, U. S. Steel Corp.
Timby, E. K., *Partner*, Howard, Needles, Tammen & Bergendorff
Van Antwerpen, F. J., *Publisher,Ch.E.,Prog. &Secy.*, American Institute of Chemical Engineers
Villers, R., *Partner*, Rautenstrauch & Villers
Watson, A. J., *PhotogrametricE.*, American Blueprint Co.
Weiss, J. R., *Cons.Engr.*, Bd. of Higher Ed
Willson, C. A., *Res.Engr.*, Amer. Iron & Steel Inst.
Wolf, E. G., *Engr.*, Hazeltine Corp.
Work, L. T., *Consult.Chem.Eng.*
Worthington, C. G., *Sec.-Treas.*, Ind. Res. Inst.

Associated Universities, Inc.

Berkner, L. V., *Pres.*
Emberson, R. M., *Asst.toPres.*

American Gas and Electric Service Corp.

Dwon, L., *Mgr.Engr.Manpower*
Lippert, F. G., *Pers.Dir.*

American Society of Civil Engineers

Jessup, W. E., *Editor*
Reynolds, D. P., *Asst.toSec.*

American Institute of Electrical Engineers

Hibshman, N. S., *Sec.*

American Society of Mechanical Engineers

Davies, C. E., *Ret.Sec.*
Marshall, T. A., Jr., *Sr.Asst.Sec.*
Reaser, W. E., *Asst.Sec.*
Stetson, G. A., *Editor*

American Tel. & Tel. Co.
Koerner, C. T., *Engr.*
Smith, M. K., *BasicStudiesEng.*
Tatman, W. R., *Dir.Col.Relations*

Bell Telephone Labs.
Deller, R. A., *Employ.Dir.(Ret.)*
Fry, T. C., *Asst.toPres.,Ret.*
Jones, A. W., *Sys.Engr.*
Koos, P. V., *Tech.Empl.Supr.*
Thomas, G. B., *Pers.Dir.Emeritus*
Wilkinson, R. I., *Traf.St.Engr.*

Consolidated Edison Company
Rath, E. R., *VicePres.*
Steinberg, M. J., *Div.Engr.*

Thomas Y. Crowell Co.
Mitchell, W. H., *V.P.&Mgr.Coll.Dept.*

Fashion Institute of Technology
Berger, P. A., *Sr.Inst.Ind.Mgt.*
Bethel, L. L., *Pres.*
Kline, D. F., *E.*, Guided Missiles Dept.

Ford Foundation
Borgmann, C. W., *Dir.*
Heald, H. T., *Pres.*

General Elec. Co.
Brown, J. M., *Admr.Corp.Suppt.Prog.*
Gouldthorpe, H. W., *Mgr.E.Pers.*
Hill, W. S., *Mgr.-Engr.Recruit.*
Hulley, O. S., *Cons.Mfg.Train.&Educ.*
Linder, C. H., *V.P.*
Maser, H. T., *Trng.Dir.*
Porter, R. W., *Consult.Comm.&Control*
Rietz, G. A., *Mgr.Ed.Prog.Div.*
Rowe, A. J., *Consult.Mat.Serv.*
Savage, C. F., *ConsultantProf.Relations*
Sims, M. W., *Mgr.Engr.Train.&Educ.Engr.*
Wolfe, J. K., *Mgr.Adv.Deg.Pers.*

Harper & Bros.
Demaree, K. B., *Dir.Col.Dept.*
Tyler, E. J., *VicePres.*

Illuminating Eng. Society
Hinckley, A. D., *Managing Dir.*

Industrial Press
Wolpert, N. N., *Assoc.Ed.*

International Business Machines Corp.
Hoyt, W. M., *Mgr.Engr.Pers.*
Whitehorne, R. A., *Mgr.Pers.*

International Nickel Co.
Allen, F. E., *Supr.Educ.Serv.*
Anselmini, L., *Metal.*
Mudge, W. A., *Spec.Rep.onEducational Prog.*

M. W. Kellogg Co.
Coyne, M. A., *Person.Mgr.*

Macmillan Company
Enslow, R. M., Jr., *Editor,Tech.BookDept.*
McCurdy, H. B., *Ed.&Asst.Mgr.*
McLeod, A. H., *Editor*
Webb, V. H., *Editor*

McGraw-Hill Company
Baker, C. F., *Editor*
Benjamin, C. G., *President*
Booher, E. E., *Exec.V.P.*
Erb, P. W., *Circ.Mgr.*, Chem. Eng., Chem. Week
Graves, H. P., *Vice-Pres.*
Johnson, M. C., Jr., *Editor*
Kirkpatrick, S. D., *Edit.Dir.,Ch.E.*
Miller, J. I., *Editor,Tech.Ed.News.*
Shaw, H. W., *Gen.Mgr.Tech.Ed.*
Taylor, J. W., *Vice-Pres.*, College Dept.
Thomassen, H. S., *Editor;Shop&Mech.Arts; E.Dr.*
Wight, J. W., *Gen.Mgr.,BlakistonDivision*
Zeigler, K. I., *Ed.Engr.BooksDept.*

National Technical Institute
de Urzalz, L., *Pres.*

Pitman Publishing Company
Bryant, J., *Pres.*

Prentice-Hall, Inc.
Bitner, R. F., *Asst.VicePres.*

RCA Institutes
Gerhart, P. L., *Asst.toPres.*
Maedel, G. F., *President*
VanDeusen, G. L., *Pres.Emeritus&Con.*

Rinehart & Co.
Hobbs, R. P., *VicePres.*

Ronald Press Co.
Farnham, G. W., *VicePres.Eng.Books*
Renshaw, A. H., *Asst.Ed.*
Webster, W., *Editor*

Socony Mobil Oil Company, Inc.
Boynton, P. W., *Coord.*
Jenks, R. E., *Asst.Coord.Recruit.*

Union Carbide Corp.
Boggs, R. W., *Asst.Mgr.Gen.Public*
Emch, P. I., *Mgr.Recruiting*, Linde Co.
Lux, W. E., *Coord;Chem.*
Miller, B. J., *Asst.Mgr.Res.Admin.*

D. Van Nostrand Company
Clark, A. N., *Editor&V.P.*
Crane, E. M., *President*

Western Electric Company
Barry, J. E., *Inst.*, New York Grad. Engr. Train. Center
Brenner, J., *Inst.*, New York Grad. Engr. Train. Center
Buckholz, W. L., *Inst.*, New York Grad. Engr. Train. Center
Changaris, J. S., *Inst.*, New York Grad. Engr. Train. Center
Conroy, J. J., Jr., *DeputyChief*, Grad. Engr. Train. Develop.
Kapp, H. E., *Inst.*, New York Grad. Engr. Train Center.
Kent, G. J., *Dept.Ch.*
Leitch, J. B., *Inst.*, New York Grad. Engr. Train Center
Norman, K. E., *Inst.*, New York Grad. Engr. Train. Center
Samek, J. N., *Sect.Chf.Engr.Inst.*
Thielen, E. J., *Asst.Supr.Engr.Tr.*

Western Union
Mundt, A. J., *Per.Dir.*

Westinghouse E. & M. Co.
Kebernick, O. C., *Resist.Welding.Appl.*

John Wiley & Sons, Inc.
Fraser, R. E., *Editor*
Hamilton, E. P., *Chm.Board*
Snyder, J. S., *V.P.&Dir.*
Stoll, C. B., *Editor,EngineeringSciences*
Stone, W. G., *Ed.&Asst.V.Pres.*
Tilley, R. J., *Assoc.Editor*

The City College of New York
Abramowitz, A., *Assoc.P.E.E.*
Adashko, J. G., *Asst.P.E.E.*
Allan, Wm., *DeanSch.Tech.*
Armenakas, A. E., *Lec.C.E.*
Autenrieth, G. C., *Emeritus*
Avallone, E. A., *Asst.P.M.E.*
Baldo, A. F., *Asst.P.M.E.*
Baum, H., *P.E.E.Emeritus*
Bischof, G. J., *P.M.E.*

Brenner, E., *Asst.P.E.E.*
Burgess, S. W., *Assoc.P.M.E.*
Chameides, M., *Asst.P.E.E.*
Codola, F. C., *Asst.P.Dr.*
Cunningham, C. W., *P.C.E.*
Deltoro, V., *Asst.P.E.E.*
Engler, L. W., *DeanAdm.*
Fenster, S. K., *Lec.M.E.*
Froehlich, C., *Chm.E.E.*
Guerdan, G. A., *P.&Chm.M.E.*
Halasz, A., *Assoc.P.Draft.*
Hansteen, H. B., *P.E.E.*
Hartman, P., *P.&Chm.C.E.*
Hem, L. W., *Asst.DeanCur.Guid.&P.M.E.*
Hunt, W. T., Jr., *Assoc.P.E.E.*
Hyman, S. C., *Asst.Dean*
Kaplan, B., *Asst.P.C.E.*
Keosaian, E., *Asst.P.C.E.*
Kolodney, M., *P.Chem.E.*
List, H. L., *Asst.P.Chem.E.*
Mack, E. C., *P.English,Dir.Human.*
Majer, F., Jr., *Asst.P.Draft.*
Menkes, S. B., *LecturerM.E.*
Minor, B., *Lect.E.E.*
Moskvitinoff, I. J., *Lec.C.E.*
Myers, H. S., *Assoc.P.Ch.E.*
Olsen, G. A., *Assoc.P.C.E.*
Pistrang, J., *Asst.P.C.E.*
Plock, H. J., *P.C.E.*
Prentice, T. H., *Assoc.P.C.E.*
Rappolt, F. A., *P.&Chm.Dr.*
Rathburn, J. C., *P.C.E.Emer.*
Rothbart, H. A., *Asst.P.M.E.*
Rothermel, U. A., *Asst.P.M.E.*
Sabto-Agami, J. C., *Lect.E.E.*
Schmidt, A. X., *P.&Chm.,Chm.Eng.*
Sicular, G. M., *Lec.C.E.*
Silberberg, M. D., *Lect.Draft.*
Smith, E. B., *P.M.E.Emer.*
Stein, R., *P.E.E.Assist.*
Steinhauser, A. L., *Assoc.P.M.E.*
Steven, James R., *Assoc.P.C.E.*
Stork, W. L., *P.Dr.*
Schwartz, R. E., *Lect.C.E.*
Tracy, S. J., *Assoc.P.M.E.*
Walsh, H. V., *Assoc.P.Dr.*
Walten, M. G., *P.Engl.&CoordinatorHumanitiesSeq.*
Weindling, J. I., *Lec.M.E.*
White, J. R., *Assoc.P.C.E.*
Whitford, R. H., *Tech.Libr.*
Wolf, H., *Asst.DeanE.E.*

Columbia University

Amick, E. H., Jr., *P.&Chm.Ch.E.*
Armstrong, E. H., *P.E.E.*
Baumeister, T., *StevensP.M.E.*
Beach, S. H., *Dir.ofPlace.*
Bigelow, C. G., *Asst.I.E.*
Bucky, P. B., *P.Min.*
Burmister, D. M., *P.C.E.*
Deller, A. W., *Lect.Ch.E.*
Drew, T. B., *P.&Exec.Of.Ch.E.*
Dunning, J. R., *Dean*
Englund, J. E., *P.M.E.*
Finch, J. K., *DeanEmer.E.*
Garrelts, J. M., *P.&Exec.Off.C.E.*
Gensamer, M., *P.Met.*
Hagman, J. A., *Assoc.P.Gr.*
Hennessy, W. J., *Assoc.Dean*
Herrmann, G., *Assoc.P.C.E.&E.Mech.*
Kavanagh, T. C.
Kayan, C. F., *P.M.E.*
Keller, E. W., *Asst.P.E.E.*
Krefeld, W. J., *P.C.E.*
Long, M. W., *Grad.St.E.E.*
Melman, S., *Assoc.P.Ind.Mgt.E.*
Millman, J., *P.E.E.*
Owen, J. J., *Inst.C.E.*
Pearl, G. C., *Dir.Pub.Rel.*
Schlesinger, S. P., *Assoc.P.E.E.*
Schwarz, R. J., *P.&Chm.E.E.*
Skalak, R., *P.C.E.*
Spencer, H. H., *Lec.C.E.*
Villers, R.
Vreeland, H. W., *Assoc.P.Graphs.*
Waite, W. W., *P.Ind.E.*
Walsh, J. B., *Asst.Dir.*, Electronics Res. Lab.
Winter, F. C., *Assoc.P.Indus.&Mgt.Eng.*

Cooper Union

Alpern, M., *Asst.P.C.E.*
Bedell, R. K., *Inst.M.E.*
Blade, M. F., *Assoc.P.M.E.*
Bowman, R. S., *Asst.P.Human.*
Burdell, E. S., *President*
Caldiero, F. M., *Asst.P.Hum.*
Childs, R. D., *Assoc.P.Human.*
Cumberland, R. W., *Assoc.P.English*
Eastham, J. N., *Assoc.P.Math.*
Ely, J. A., *P.C.E.Emer.*
Embler, W. B., *P.Engl.H.Human.*
Ferrand, E. F., *Asst.P.Ch.E.*
Graham, J. W., Jr., *VicePres.*
Griswold, E. M., *Assoc.P.M.E.*
Grover, K. N., *Asst.P.Hum.*
Kut, W. S., *P.M.E.*
Lehmann, C. H., *Assoc.P.Math.*
Liebeskind, H., *Asst.P.Ch.E.*
Lofgren, K. E., *P.ChargeMach.Des.*
Miller, E. W., *Inst.Dr.*
Miller, F. H., *P.&H.Math.*
Nudd, P., *P.E.E.*
Peck, C. F., Jr., *P.&Hd.C.E.*
Peterson, J. M., *P.Ch.E.*
Pizzirusso, J. F., *Asst.P.M.E.*
Radasch, A. H., *P.&H.Ch.E.*
Roemmele, H. F., *P.PlacementandAlumni Relations*
Sherman, J. B., *P.E.E.*
Starr, E. W., *P.&H.E.E.*
Towle, N. L., *Dean*
Vopat, W. A., *P.&H.M.E.*
Wallace, F. A., *P.C.E.*
Wolfe, H. C., *P.&H.Phys.*
Young, C. H., *P.&H.M.Des.Emeritus*
Zaret, M. E., *Assoc.P.E.E.*

Fordham University

O'Connor, W. F., *Assoc.P.Ch.&Chm.*

Manhattan College

Alfred, (Bro.) B., *P.Math.*
Altamuro, V. M., *Inst.M.E.*
Aubert, (Bro.) J., F.S.C., *Asst.Dean*
Barry, B. A., Bro., *Assoc.P.C.E.*
Bernabei, Bro., *Inst.Physics*
Brown, M. R., *Inst.C.E.*
Brown, W. A., *Inst.C.E.*
Burris, C. T., *Inst.Chem.*
Cockshott, A. H., *Asst.P.Math.*
Cossa, J. A., *DeanStu.Pers.&P.Edu.*
Del Vecchio, A., *Assoc. P.M.E.*
Denis, (Bro.) A., *P.&H.Dr.*
Eckenfelder, W. W., Jr., *Assoc.P.C.E.*
Elliott, J., Bro., *Inst.E.E.*
Feodoroff, N. V., *Assoc.P.C.E.*
Fitzgerald, J. A., *Assoc.P.E.E.*
Gribbin, J. B., *Assoc.P.C.E.*
Jardetzky, W. S., *Assoc.P.C.E.*
Kahl, L. R., *Inst.M.E.*
Kane, G., *Hd.Physics*
Kelly, Bro. K. T., *Asst.P.Physics*
Leo, (Bro.) A., *Dean*
McCabe, (Bro.) J., F.S.C., *P.&Hd.C.E.*
Michael, B. A., *Inst.E.E.*
Ondra, O., *Assoc.P.C.E.*
Pan, S. L., *Asst.P.C.E.*
Reiziss, D., *Inst.Mach.Des.*
Spinna, R. J., *Asst.P.C.E.*
Vitagliano, V. J., *Asst.P.C.E.*
Weil, R. T., *P.&H.E.E.*
Wright, T. J., *Asst.P.E.E.*
Zamparo, J., *Asst.P.Physics*
Zetlin, L., *P.C.E.*

New York Telephone Co.

Schrage, C. T., *Empl.Eng.*

New York University

Barish, N. N., *Assoc.Dn.;Chm.Ind.&Mgt.E.*
Bleckman, G. L., *Inst.Engr.Mechs.*
Borst, L. B., *Chr.Physics*
Bryans, W. R., *P.Emer.Mech.*
Burns, H., *Inst.Engr.Mech.*
Calabrese, G. O., *P.E.E.*
Cetra, M. A., *Asst.P.C.E.*
Chang, S. S., *Assoc.P.E.E.*
Chapman, H. M., *Dir.Gen.Studies*
Chirlian, P. M., *Asst.P.E.E.*
Church, A. H., *P.&H.M.E.*
Como, J., *Asst.P.M.E.*
Contini, R., *Res.Coordinator*
Cotellessa, R. F., *Assoc.P.E.E.*
Cox, G. N., *P.&Chmn.E.Mech.*
Dembner, E., *Inst.Engr.Dr.*
Dobbins, W. E., *P.San.Engr.,C.E.*
Edwards, G. P., *P.San.Chem.*
Ettinger, H. J., *Inst.E.Dr.*
Flatow, P. L., *Asst.P.I.E.*
Gamzue, B. B., *Asst.P.Engl.*
Gerard, G., *Asst.Dir.Res.Div.*
Giddings, H. A., *P.&Chr.Math.*
Gordon, I., *Adjunct Asst.P.Eng.Dr.*
Gordon, P. B., *Assoc.P.M.E.*
Greenstein, P., *P.E.E.*
Griswold, A. H., *Asst.P.FluidMech.*
Grosswirth, M., *Asst.P.C.E.*
Happel, J., *P.&Chm.Ch.E.*
Herbst, J. J., *Inst.Engr.Dr.*
Homer, E. D., *Inst.Ind.&Mgt.Engr.*
Houser, N., *Inst.I.E.*
Hyman, H., *Inst.Engr.Dr.*
Ingram, W. T., *Assoc.P.ofSan.Eng.*
Johnson, L. O., *P.Dr.*
Kavanagh, T. C., *P.&H.C.E.*
King, R. C., *Assoc.P.M.E.*
Knudsen, J. R., *Asst.P.Math.*
Kubo, G. G., *Assoc.P.C.E.*
Landis, F., *Assoc.P.M.E.*
Ley, B. J., *Assoc.P.E.E.*
Lytle, C. W., *P.Emer.I.E.*
Maccarone, M. B., *Inst.M.E.*
Marsel, C. J., *Assoc.P.Ch.E.*
Michalos, J., *P.&Chm.C.E.*
Morris, C., *Inst.Engr.Mech.*
Mueller, W. K., *Asst.P.M.E.*
Mullee, W. R., *P.Ind.E.*
Mulligan, J. H., *P.&Chm.E.E.*
Newsom, C. V., *Pres.*
Nielsen, J. P., *Assoc.P.M.&C.E.*
Porter, D. B., *P.Emer.I.E.*
Posser, F. H., *Assoc.P.M.E.&Dir.GageLab.*
Ragazzini, J. R., *Dn.Engr.*
Rathe, A. W., *Assoc.P.Mgt.E.*
Rayfield, J. H., Jr., *Assoc.Dir.Place.Serv.*
Rehberg, C. F., *P.E.E.*
Ritter, I. F., *P.Math.*
Roth, S. G., *Assoc.P.Math.;Coord.Res.Serv.*
Salma, E. A., *Assoc.P.M.E.*
Schneider, C. S., *Asst.Dir.Res.*
Shaffer, B. W., *Assoc.P.M.E.*
Shamis, S. S., *Assoc.P.E.E.*
Singer, F. L., *Assoc.P.Mech.*
Steinberg, M. J., *Ind.Eng.*
Strom, G. H., *P.Aero.E.*
Teichmann, F. K., *P.Aero.Eng.&Asst.Dean*
Treybal, R. E., *P.Ch.E.*
Trowbridge, D. S., *P.EmerC.E.*
Wladaver, I., *Assoc.P.Dr.*
Wolfson, R., *Inst.E.E.*
Work, H. K., *Dir.Res.Div.*
Yanosik, G. A., *Assoc.P.Math.*
Zemanian, A. H., *Assoc.P.E.E.*

Staten Island Community College

Benumof, R., *Hd.Math-Sci.*
Fitzpatrick, J. L. G., *Hd.Mech.Tech.*
Kosow, I. L., *Hd.Elec.Tech.*
Willig, W. L., *Pres.*
Zimmerman, S., *Asst.P.M.Tech.*

Norwood

Claffey, P. J., 28 Park St.

Oswego

DeVore, P. W., *Asst.P.Ind.Arts.*, State University of New York Teachers College
Madlon, E. A., *Mgr.Engr.JobTr.*, International Business Machines Corp.

Pleasantville

General Precision Lab.

Orgelman, G. H., *Pers.Dir.*
Schneider, C. S.

Port Washington

Ball, A. J., *Super.TrainingDept.*, Sperry Gyroscope Co.
Cobb, M. H., *Asst.Dir.Pers.*, Hazletine Corporation

Potsdam

Clarkson College of Technology

Allison, W. H., *P.C.E.*
Battin, W. J., Jr., *Assoc.P.M.E.*
Brown, F. W., *Assoc.P.Chem.*
Davis, A. G., *Asst.P.Math.*
Edel, D. H., *Inst.M.E.*
Frazer, J. R., *Assoc.P.Bus.Admin.*
Gentile, R. G., *Assoc.P.E.E.*
Glavin, E. J., *Inst.C.E.*
Green, D. L., *P.&Chm.Ch.E.*
Harrison, W. P., *Asst.P.C.E.*
Haskins, E. E., *P.Math.*
Herron, L. W., *Dean*
Hudson, R. C., *Assoc.P.C.E.*
Jones, G. L., *Asst.P.Chem.*
Kear, E. B., Jr., *Inst.M.E.*
Kenyon, R. A., *Asst.P.M.E.*
Kerker, M., *P.Chem.*
Larsson, R. D., *Assoc.P.Math.*
Lindsey, F. G., *Assoc.P.Math.*
MacLean, G. R., *P.&Chm.M.E.*
Martin, A. R., *Inst.E.E.*
McHugh, E., *DeanofEng.*
McMillan, J. H., *Inst.C.E.*
Mochel, M. G., *P.M.E.*
Moore, J. M., *Asst.P.M.E.*
Penrose, C., *Lib.&Assoc.P.*
Perry, J. M., *P.Math.*
Piper, F. F., *P.Ret.Phy.*
Price, P., *DeanStudents*
Reed, G. W., *P.&Chm.E.E.*
Rollins, J. P., *Assoc.P.M.E.*
Shulman, H. L., *Chmn.Ch.E.*
Stillman, D. G., *P.&Chmn.Dept.Lib.St.*
Straub, A. L., *Assoc.P.C.E.*
Van Note, W. G., *Pres.;Met.;Ceramics*
Wang, S. L., *Asst.P.C.E.*
Wyant, R. A., *Assoc.P.E.E.*

Poughkeepsie

Evans, F. H., *N.Y.S.E.S.,Emer.*

International Business Machines

Baird, J., *Sr.Engr.,Adv.Plan.*
Credle, A. B., *Consultant*
Deabler, L. T., *Mgr.*
Miller, D. B., *Mgr.Admin.Serv.*
Nystrom, J. W., *StaffAsst.Res.Comm.*
Wolslegel, R. W., *Mgr.Spec.Train.Prog.*

Retsof

Traux, C. N., *MiningEngr.&Hd.E.*, International Salt Company

Rochester

Eastman Kodak Co.

Howard, J. H., *Dir.Bus.&Tech.Pers.*
Smith, G. B., *Supr.ofDrafting*

Rochester Institute of Technology

Donaldson, C., *Inst.M.E.*
Ellingson, M., *Pres.*
Morecock, E. M., *Chmn.Appl.Sci.*
Smith, L. F., *DeanofInstruction*
Tuites, C. E., *Coun.E.Dept.*

University of Rochester

Barnes, R. H., *Inst.Mech.E.*
Conta, L. D., *Act.Dn.&P.M.E.*
Durbetaki, P., *Asst.P.M.E.*
Dutcher, B. C., *Asst.P.E.E.*
Eisenberg, R. F., *Assoc.P.M.E.*
Faucett, T. R., *Assoc.P.M.E.*
Kraybill, R. R., *Assoc.P.Ch.E.*
Leet, H. W., *P.&Chm.M.E.*
Miller, S. A., *P.&Ch.Ch.E.*
Minor, O. E., *Asst.P.M.E.*
Su, G. J., *P.Ch.E.*

Rome

Acock, G. W., *Prod.Engr.* Rome Cable Co.

Scarsdale

Barnum, J., *Dir.*, Jerome Barnum Associates, 167 Weaver Street
Deane, C. W., *Prin.Engr.*, Allied Chem. & Dye Co.
Dexter, G. M., *ConsultingInd.Eng.*, 82 Fenimore Road

Schenectady

General Electric Company

Abbott, E. G., *Mgr.SalesTr.*
Alger, J. R. M., *Mgr.Adv.Tech.Prog.*
Bailey, J. A., *Mgr.,Proj.Analysis*
Bennett, R. D., *Mgr.Tech.Dept.*, Knolls Atomic Power
Boring, M. M., *Consul.Eng.Manp.(Ret.)*
Branch, W. H., *Col.Spec.Retired*
Brower, A. S., *Act.Mgr.-Engr.Prog.Courses*
Brown, D. H., *Dev.Engr.*
Chesnut, D. L., Apparatus Sales Div.
Cobine, J. D., *Res.Phys.*
Coover, G. B., *Reg.Mgr.Eng.Recruit.*
Crary, S. B., *Cons.Analyt.Eng.Sec.*
Davis, C. P., *Dev.E.*
Demont, A. M., *Mgr.Prog.Dev.*
Dreier, T., *Mgr.Met.Lab.*, Knolls Atomic Power
Fasake, W. E., *Tech.Progr.Repr.*
Felgar, R. P., Jr., *Engr.Mech.& Mat.*
Guernsey, R., Jr., *Dev.E.*, Gen. Engr. Lab.
Hall, J. W., *Mgr.S.E.Region,Eng.Recruit.*
Hutton, H. G., *N.E.Reg.Mgr.*
Irwin, D. E., *Mgr.GreatLakesRegionEngr. Recruit.*
Johnson, E. E., *Gen.Mgr.,E.Lab.*
Jones, J. E., *Manager,Rec.&Sel.*
Kline, D. F., *Supv.HonorsProg.,Eng.Train. &Ed.*
Lee, E. S. (Retired)
Lewis, F. T., *Mgr.Mfg.Pers.Dev.Serv.*
Linnell, R. D., *Engr.Spec.DefenseProjects*
Linville, T. M., *Mgr.Res.Oper.Dept.*
Mains, R. M., *Consult.Engr.*, Knolls Atomic Power Lab.
Michaelson, J. L., *Cons.Genl.Engr.Lab.*
Mullin, G. E., Jr., *Mgr.Recruit.*
Norton, M. E., *Recruit.Mgr.*
Page, F. P., *Dev.Eng.*
Pendergast, M. S., *StudentEngr.*
Pitts, C. R., *Specialist-Educ.&Tr.*
Plunkett, R., *Engr.*
Rau, A. H., *Cons.Eng.Serv.*
Slantz, R. D., *ApplicationEngr.,Sys.Eng.*
Terwilliger, C. F., *Eng.ServicesDiv.*
Tracy, M., *Mgr.South.Reg.Eng.Recruit.*
Trolsen, T. N., *Tech.Recruiter,Eng.Pers.Ser.*
Von Fange, E. K., *Engr.*
Wolfe, J. K., *Mgr.AdvancedDegreePers.*

Union College

Aubrey, W. C., *Asst.P.M.E.*
Bibber, H. W., *E.E.*
Craig, E. J., *Assoc.P.E.E.*
Demirjian, G., *Inst.C.E.*
Eisenstadt, R., *Asst.P.M.E.*
Goodheart, C. F., *P.&Chmn.E.E.*
Harlow, H. G., *P.&H.C.E.*
Hoadley, A., *P.C.E.*
Ketchum, G. M., *P.M.E.*
Lowen, W., *P.M.E.;Chm.Eng.*
Male, C. T., Jr., *P.C.E.*
Modrey, J., *Hd.&P.M.E.*
Owens, O. G., *P.E.E.*
Panlilo, F., *P.M.E.*
Russ, R. B., *P.E.E.*
Sayre, M. F., *P.Emer.M.E.*
Schurig, O. R., *P.E.E.*
Taylor, W. C., *P.Emer.C.E.*

Snyder

Miller, B. J., *Pers.Ad.*, Linde Air Products Co.

Syosset

Squire, E. J., *Consult.Engr.*, Lockwood, Kessler Bartlett, Inc.

Syracuse

Hudelson, G. D., Apt. 3C, Rugby Apartments, 118 Gray Ave.

Carrier Corp.

Carpenter, J. H., *Dir.E.Train.*
Everill, R. T., *Emp.Mgr.,Suprv.Tech.Pers.*
Roberts, W. H., *Sr.Eng.Sys.Devel.*
Smith, J. F. D., *V.P.,Res.Dev.*

General Electric Co.

Elitharp, R. M., *Spec.Engr.Educ.*
Haller, G. L., *Gen.Mgr.*
Heckelman, R. W., *Engr.ElectronicsLab.*
Jones, A. M., *SpecialistEng.Edu.*
Russell, J. B., *Manager,Elec.Lab.*
Wall, E. T., *Appl.E.*

Syracuse University

Antoni, C. M., *Assoc.P.C.E.*
Balabanian, N., *Assoc.P.E.E.*
Barzelay, M. E., *P.Aero.E.*
Billings, B. C., *Inst.E.Draw.*
Buck, C. P., *P.&H.Eng.Dr.*
Cheng, D. K., *P.E.E.*
Davis, R. B., *Assoc.P.Math.*
Drucker, E. E., *Assoc.P.M.E.*
Faulds, A. H., *Asst.P.C.E.*
Galbraith, R. A., *Dean*
Genzlinger, B. S., *Asst.P.I.E.*
Go, M. L. P., *Asst.P.C.E.*
Goldman, S., *P.E.E.*
Goodman, L. J., *Assoc.P.C.E.*
Grove, C. S., Jr., *Dir.Eng.Res.*
Greenwald, D. U., *P.I.E.*
Hennigan, J. J., Jr., *Asst.P.C.E.*
Hu, Y. Y., *Asst.P.E.E.*
Isada, N. M., *Asst.Prof.Eng.Dr.*
Jelinek, R. V., *Assoc.P.Ch.E.&Asst.Dn.*
Jutlin, S. T., *Inst.E.E.*
Keicher, P. E., *Inst.Eng.Draw.*
King, J. A., *P.M.E.*
Kletsky, E. J., *Inst.E.E.*
Korolenko, V. G., *Asst.P.M.E.*
Kosso, E. V., *Inst.E.E.*
Lee, C. N., *Instr.C.E.*
Le Page, W. R., *P.E.E.*
Lingo, L. E., *Supv.,NetworkAnal.Lab.*
Longacre, A., *Dir.Res.Corp.*
Luker, J. A., *Assoc.P.C.E.*
Margolin, C. H., *Inst.Ind.Engr.*
McKenna, J. V., *Assoc.P.I.E.*
Mitchell, L., *DeanEmer.*

Moorman, R. B., *P.&H.C.E.*
Norem, B. H., *P.&Chm.I.E.*
Page, G. N., *Assoc.P.E.Dr.*
Pray, R. F., III, *Inst.E.Dr.*
Swalm, R. O., *Assoc.P.Ind.E.*
Taber, A. P., *P.Met.E.*
Tong, K. N., *Asst.P.M.E.*
Tuthill, S. P., Jr., *Inst.Eng.Dr.*
Walsh, G. W., Jr., *Asst.P.E.Dr.*
Wasil, B. A., *Assoc.P.C.E.*
Watson, R. M., *Assoc.DeanEng.,Chmn.M.E.*
Werner, J. M., *Assoc.P.M.E.*
Wheadon, W. C., *Dir.Ind.Res.*
Wilson, N. E., *Inst.E.Dr.*

Tarrytown

Van Fleet, R., *Pers.Mgr.*, Res. Center, General Foods Corp.

Tonawanda

LindeAir Products Co.

Wang, S., *Sr.Engr.*
Westbrock, A. J., *Des.Engr.,Engr.Lab.*

Troy

Harkness, D. H., *SalesMgr.*, W. & L. E. Gurley Co.

Hudson Valley Technical Institute

Clute, V. G., *Inst.Mach.Shop.*
Goliber, P. F., *P.&Hd.AirCond.*
Guenther, O. V., *Pres.*
Strout, G. M., *Chm.Math.&Phys.*

Rensselaer Polytechnic Institute

Alger, P. L., *AdjunctP.E.E.*
Assini, L. T., *Assoc.P.Mech.*
Baker, R. P., *VicePres.Emer.*
Barton, C. S., *Asst.P.Mech.*
Bauet, W. H., *P.Chem.*
Beatty, J. M., *P.C.E.*
Best, S. V., *Assoc.P.C.E.*
Booth, A. A. K., *Assoc.Ch.Eve.&Ext.Div.*
Bordt, F. J., *P.M.E.*
Brown, M. R., Jr., *Asst.P.C.E.*
Brown, W. K., *Asst.P.English*
Burr, A. A., *P.&H.Met.Eng.*
Bursik, J. W., *Asst.P.Aero*
Carragan, G. H., *P.&H.Phys.*
Catlin, H. P., *Head,StudentAid*
Chamberlain, H. N., *Dir.Pers.Test.Lab.*
Chapman, E. A., *Libr.*
Childs, W. J., *Assoc.P.Met.E.*
Clark, H. M., *P.Chem.*
Cloke, J. B., *Hd.Chem.&P.Org.Ch.*
Combs, L. B., *P.&H.C.E.*
Cook, M. A., *Assoc.P.M.E.*
Coonley, L. S., *P.&H.Ch.E.*
Cyphers, H. E., *Assoc.P.M.E.*
Devine, J. J., *P.M.E.*
Dohrenwend, C. O., *DeanGrad.Sch.;ActingDeanSci.*
Dunlop, J. A., *Registrar*
Dunn, C. H., *P.E.E.*
Elmer, R. W., *Asst.P.Engl.*
Eppenstein, W., *Asst.P.Phys.*
Faigenbaum, H. M., *P.Inor.Chem.*
Fairbanks, A. J., *P.M.E.*
Fairfield, J. G., *P.Emer.M.E.*
Folsom, R. G., *Pres.*
Gisser, D. G., *Asst.P.E.E.*
Gould, J. R., *P.Engl.*
Gulden, K. R., *Assoc.P.Eng.Dr.*
Hall, C. F., *Asst.P.E.E.*
Harrington, R. P., *P.&Hd.Aero.E.*
Harris, H. D., *P.E.E.*
Hauf, H. D., *Dn.Arch.*
Hemke, P. E., *Vice Pres.,DeanFac.*
Holstein, E. J., *Asst.P.Econ.*
Hougen, J. O., *P.Ch.E.*
Houston, L. W., *Chm.Bd.Trustees*
Howe, H. B., *P.&H.E.Dr.*
Hunter, M. A., *DeanEmer.*
Jones, H. A., *Treas.*
Kilcawley, E. J., *P.&Hd.SoilMechs.&Envir. Engr.*
Kinner, H. G., *Assoc.P.Dr.*
Lee, G. H., *Dir.Res.*
Lenel, F. V., *P.MetE.*
Lewis, R. M., *Inst.C.E.*
Lieber, P., *P.Geol.*
Long, E. L., *Assoc.P.Physics*
Loux, M. Z., *Assoc.P.Mgn.E.Geology*
Lowman, S. W., *P.Geology*
Lunsford, J. V., *Assoc.P.C.E.*
Maly, D., *P.Math.*
Martin, H. W., *P.Mgt.Eng.*
Mattice, H. C., *Asst.P.Aero.E.*
Miklofsky, H. A., *Assoc.P.C.E.*
Moore, K. H., *P.Phys.*
Mueller, R. A. H., *Dn.,Sch.Hum.&Soc.Sc.*
Munzer, J. E., *Asst.P.C.E.*
Nickol, J. P., *P.Phys.*
Norvik, F. J., *P.E.E.*
O'Dea, J. J., Jr., *Inst.C.E.*
Olmsted, S. P., *H.Lang.&Lit.*
Onuf, B. R., *Assoc.P.M.E.*
Osgood, W. R., *P.&Hd.Mech.*
Palmer, R. K., *Assoc.P.C.E.*
Palsgrove, G. K., *P.M.E.Emer.*
Parsegian, V. L., *DeanofEngr.*
Resnick, R., *Assoc.P.Phys.*
Rezneck, S., *P.Hist.&Pol.Sci.*
Rummel, P. K., *Assoc.P.M.E.*
Runkle, L. D., *Assoc.P.E.E.*
Sanford, C., *Assoc.P.Engl.*
Schmelzer, R. W., *Gen. Secy.*
Schubert, A. G., *P.M.E.*
Schuster, W. W., *Assoc.P.Chem.E.*
Sencer, R. A., *Asst.P.English*
Sharp, H. O., *P.C.E.*
Shaw, G. R., *P.C.E.*
Shen, C. N., *Assoc.P.M.E.*
Smith, P. A., *P.Engl.*
Sneck, H. J., *Asst.P.M.E.*
Spafford, W. F., *H.Mngt.E.*
Spence, R. S., *Assoc.P.M.E.*
Steinhauser, H. H., *Asst.P.Ch.E.*
Stevens, H. E., *P.M.E.*
Throop, J. F., *Assoc.P.Mech.*
Tindal, R. T., *Assoc.P.C.E.*
Trather, R. H., *Assoc.P.Mech.*
Trevett, H. N., *P.&Assoc.H.E.E.*
Van Winkle, E. H., *P.Mgt.Eng.*
Warnock, W. G., *P.Math.*
Washburn, D. H., *Assoc.P.Lang.&Lit.*
Watkins, J. T., *Assoc.P.C.E.*
White, K. H., *P.M.E.*
Wiltse, S. B., *P.E.E.,Dir.Ext.Div.*
Winsor, L. P., *P.E.E.*
Wiseman, E. R., *Assoc.P.Mech.*
Wyant, R. A., *Assoc.P.Met.*

Tuckahoe

Juran, J. M., *Consult.Mgt.Engr.*

Unadilla

Truhn, K. W., *Proj.Engr.*, Bendix Aviation Corp.

Utica

Moore, R. J., *Dir.ofAdultEduc.*, Utica College of Syracuse University

Mohawk Valley Technical Institute

Davis, B. G., *Hd.Mech.Tech.*
Higgerson, C. A., *Sr.Inst.Mech.*
Pulhamus, W. R., *Hd.E.E.*
Warner, E. G., *Sr.Inst.Math.&Sci.*

Wellsville

Sherwood, R. S., *Mgr.ofEng.*, Worthington Corp.
Waitkus, J., *Mgr.*, Air Preheater Corp.

West Point

U. S. Military Academy

Bartlett, B. W., *P.&H.E.E.*
Billingsley, J. D., *P.&H.Ord.*
Counts, G. A., *P.Phys.&Chem.*
Fraser, H. R., *P.Mech.*
Gillette, E. C., Jr., *P.Phys.&Ch.*
Hammond, R. H., *CourseSupr.Graph.*
Heiberg, E. R., *P.&H.Mech.*
Jaco, C. M., Jr., *Inst.Ord.Engr.*
Nicholas, C. P., *P.Math.*
Rogers, W. B., *Asst.P.Mil.Top.&Graph.*
Schick, L. E., *P.&H.Mil.Top.&Graphics*
Smith, W. C., *Dir.ofTopogr.Div.&Assoc.P. Mil.Topogr.*

Williamsville

Gidzinski, J. D., *Asst.Comm.ofBldg.*, Town of Amherst

White Plains

Lisk, H. H., *Dir.Pub.*, Norden Labs. Corp.

Westchester Community College

Chasan, L., *Hd.Dept.M.Tech.*
Delgrosso, A. L., *Inst.E.E.*
Desnoyers, H. B., *Chmn.E.Tech.Dept.*
Evans, F. E., *Sr.Instr.E.E.*
Fales, A. R., *Inst.M.E.*
Hackett, A. J., *Inst.E.E.*
Halsey, H., *Inst.Phys.*
Martin, P. C., *President*
Perry, I. D., *Inst.E.E.*

Yonkers

Burckel, C. E., *Publisher*
Hodge, C. A., Technical H. S., *Retired*

NORTH CAROLINA

Asheville

Hough, C. C., *Hd.Phys.&Engr.*, Asheville-Bellmore College

Chapel Hill

University of North Carolina

Howell, A. C., *P.Engl.*

Durham

Duke University

Arges, K. P., *Asst.P.C.E.*
Artley, J. L., *Assoc.P.E.E.*
Bird, H. C., *P.Emer.C.E.*
Boyle, T. A., *Assoc.P.M.E.*
DeWitt, D. P., *Inst.M.E.*
Elsevier, E., *Assoc.P.M.E.*
Gardner, W. H., Jr., *Assoc.P.C.E.*
Hall, W. H., *DeanEmeritus*
Haines, H. N., *Asst. P.E.Dr.*
Harrawood, P., *Inst.C.E.*
Kale, E. L., *Libr.Eng.*
Kenyon, V. L., *P.M.E.*
Kraybill, E. K., *Assoc.P.E.E.&Asst.toDean Eng.*
Lewis, R. E., *Asst.P.M.E.*
Macduff, J. N., *Chm.M.E.*
McKeel, J. T., Jr., *Inst.E.E.*
Meier, O., Jr., *P.E.E.*
Owen, H. A., Jr., *Assoc.P.E.E.*
Palmer, A. E., *Assoc.P.C.E.*
Peterson, J. E., *Asst.P.C.E.*
Rowe, R. S., *P.&Chm.C.E.*
Seeley, W. J., *Dean*
Stephenson, H. P., *Assoc.P.M.E.*
Tharp, K. J., *Inst.C.E.*
Vail, C. R., *P.&Chm.E.E.*
Wilbur, R. S., *P.Emer.Engr.*

Franklin

Ward, S., *P.Emeritus&Hd.M.&M.*, Fenn College, Box 412

Gastonia

Gaston Technical Institute

Halstead, W. R., *Dir.E.E.*
Mason, J. I., *Director*

Greensboro

Piper, F. F., *P.Emer.Phys.*, 4000 Broadacres Dr.

A. & T. College

Gray, G. E., *Assoc.P.Arch.E.*
Liston, H., Jr., *Asst.P.M.E.*
Marteena, J. M., *Dean*
Richardson, A., *Assoc.P.E.E.*
Streat, W. A., *P.Arch.*
Williams, L., Jr., *Assoc.P.E.E.*

High Point

High Point College

Smith, J. C., *Hd.Math.*

Raleigh

Betts, R. E., 707 West Morgan Street
Shepherd, M. L., *Ch.&Phy.*, Nedham Broughton High School

North Carolina State College

Adams, W. E., *Dir.ofInstr.*
Alvarez, R. E., *Inst.I.E.*
Anderson, C. A., *P.&Hd.I.E.*
Anderson, C. N., *Inst.Math.*
Austin, W. W., *Hd.Min.Ind.&P.Metall.*
Barclay, W. J., *P.E.E.*
Beaver, J. L., *V.P.E.E.*
Blizard, W. E., *Inst.M.E.*
Brinson, H. F., *Inst.Engr.Mechs.*
Bullock, R. C., *P.Math.*
Canady, E. J., *Asst.P.Math.*
Carson, R. G., Jr., *P.I.E.;Dir.Instruc.*
Cell, J. W., *P.Math.*
Clayton, M. H., *Inst.Mech.*
Cleary, J. J., *Asst.P.Aero.E.*
Conner, N. W., *Dir.ofE.Res.*
Cooke, H. C., *Asst.P.Math.*
Cope, R. L., *Asst.P.Ind.E.*
Doolittle, J. S., *P.M.E.*
Fadum, R. E., *Hd.&P.C.E.*
Foster, C. I., *P.Soc.Studies*
Fountain, A. M., *P.Engl.*
Fouraker, R. S., *P.E.E.*
Gullette, G. A., *P.&H.Soc.St.*
Hanson, K. P., *P.M.E.*
Hardee, J. E., *Asst.P.E.Mechs.*
Harris, A. M., *Asst.P.Math.*
Harrisberger, L., *Assoc.P.M.E.*
Hickman, C. A., *DeanGen.Studies*
Hicks, W. N., *P.&H.Phil.&Rel.*
Hoadley, G. B., *Hd.ofE.E.*
Hoefer, E. G., *P.Emer.M.E.*
Kahn, C. H., *Assoc.P.C.E.*
Knight, R. B., *P.M.E.*
Lampe, J. H., *Dean;Electrical*
Lancaster, F. W., *Acoust.Eng.*
Lee, J. F., *P.M.E.*
Leonard, P. B., *Asst.P.M.E.*
Levine, Jack, *P.Math.*
Little, C. H., Jr., *Asst.P.Math.*
Llewellyn, R. W., *Assoc.P.Ind.Engr.*
Marshall, R. P., *P.Engl.*
McDonald, P. H., *Res.Assoc.P.*
Menius, A. C., Jr., *P.Phy.Asst.toDeanE.*
Middleton, G. W., *Asst.P.M.E.*
Miller, E. L., Jr., *Assoc.P.Geol.E.*
Moose, P. E., *Assoc.P.M.E.*
Mumford, C. G., *P.Math.*
Murray, R. L., *P.Phys.;Act.Dir.Nuclear Reactor*
Nolstad, A. R., *Assoc.P.Math.*
Park, H. V., *P.Math.*

Peterson, D. M., *Asst.P.Math.*
Petrea, H. A., *Asst.P.Math.*
Pike, F. P., *P.Ch.E.*
Pinkerton, R. M., *P.Aero.E.*
Randolph, H. D., *Inst.E.E.*
Rice, R. B., *Prof.*
Schoenborn, E. M., *P.&H.Ch.E.*
Seely, J. F., *Assoc.P.Ch.E.*
Shirley, J. W., *DeanFaculty*
Smirnoff, M. V., *Assoc.P.C.E.*
Smith, G. W., *P.&H.Mech.*
Speece, H. E., *Asst.P.Math.*
Stevenson, W. D., *P.E.E.*
Thurstone, R. L., *Inst.E.E.*
Vaughan, L. L., *P.Emer.M.E.*
Walker, T. H., *Inst.Ind.E.*
Watson, G. C., *Assoc.P.Math.*
Whitfield, J. K., *Assoc.P.M.E.*
Williams, H. P., *P.Math.*
Winkler, E. W., *Assoc.P.E.E.*
Winton, L. S., *P.Math.*

Winston-Salem

Miller, J. A., *Supvr.ofTech.Train.*, North Carolina Laboratories, Bell Telephone Laboratories, Inc.
Whitted, H. E., Jr., *Asst.Supt.,Eng.Train.*, Western Electric Co.

NORTH DAKOTA

Fargo

North Dakota State College

Anderson, A. W., *P.&H.M.E.*
Anderson, C. O., *Assoc.P.M.E.*
Anderson, E. M., *P.&Hd.E.E.*
Bakken, S. E., *Assoc.P.M.E.*
d'Errico, T. R., *Assoc.P.C.E.*
Dolve, R. M., *Ret.DeanEng.*
Francis, A. D., *Asst.P.M.E.*
Horvik, E., *Assoc.P.Phys.*
Mirgain, F. C., *DeanEng.*
Muehlhausen, W. A., *Asst.P.M.E.*
Oakey, J. A., *P.&H.C.E.*
Peterson, D. E., *Inst.E.E.*
Richardson, M. B., *P.&Chm.I.E.*
Sakshaug, T. M., *Assoc.P.M.E.*
Wetterstrom, E., *Assoc.P.M.E.*

Grand Forks

University of North Dakota

Cooley, A. M., *P.&H.Ch.E.*
Dixon, J. D., *Assoc.P.E.E.*
Fossum, G. O., *Assoc.P.C.E.*
Hill, J. W., *Assoc.P.E.E.*
Jensen, I. R., *P.&Hd.C.E.*
Johnson, S. S., *Asst.P.C.E.*
Koth, A. W., *P.Min.E.*
Kube, W. R., *Asst.P.Ch.E.*
Lawson, E. C., *P.&Hd.M.E.*
Lium, E. L., *Dean*
Manz, O. E., *Asst.P.C.E.*
Naismith, D. P., *Inst.M.E.*
Reiten, P. J., *Assoc.P.M.E.*
Severson, D. E., *P.Ch.E.*
Thomforde, C. J., *P.&Hd.E.E.*
Wenner, E. V., *Asst.P.&Hd.Dr.*

OHIO

Ada

Ohio Northern University

Abele, E., *Assoc.P.Physics*
Alden, C. R., *P.E.Pwr.Eng.*
Archer, L. H., *Dean;Hd.C.E.*
Benedict, A. A., *P.&Hd.Phy.*
Burton, B. E., *Instr.M.E.*
Geyer, M. A., *Instr.E.E.*
Gunaji, N. N., *Instr.C.E.*
Hillery, A. V., *Asst.P.Eng.Dr.*
Horldt, H., *Assoc.P.Engr.*
Jennings, N. F., *Assoc.P.&Act.Hd.M.E.*
Klingenberger, J. L., *P.&Hd.E.E.*
Lindsey, R., *Asst.P.C.E.*
Miser, W. L., *P.Math.*
Pothier, M. V., *Assoc.P.C.E.*
Taylor, A. D., *Asst.DeanP.&HeadC.E.*

Akron

Buxton, A. C., 2190 Lynn Drive
LaPrade, G. L., 1406 Geneva Ave.

Goodrich, B. F. Co.

Brown, F. S., *Tr.Repr.*
Freeman, L. M., *Div.Mgr.Ret.*

Goodyear Aircraft Corp.

Mathis, H. F., *Res.Eng.Aero.*

Goodyear Tire & Rubber Co.

Clemmer, G. H., *Asst.Mgr.*
Prior, T. W., *Dir.Train.*
Thomas, D., *Mgr.Col.Rel.*

American Technical Institute

Clark, D. H., *Inst.*
Flannery, F. A., *President*
Haiss, G. W., *Asst.Dir.Educ.*
McCool, J. C., *Asst.Dir.*
Novkov, D. A., *Engr.-Inst.*

University of Akron

Anderson, D. E., *Asst.P.Eng.Mat.;Div.Test. Lab.*
Auburn, N. P., *Pres.*
Bezbatchenko, M., *Assoc.P.M.E.*
Bowers, R. P., *Inst.BasicEngr.*
Edminister, J. A., *Inst.E.E.*
Griffin, Fred S., *P.Emer.M.E.*
Hamlen, E. K., *Assoc.P.Coord.*
Huss, P. O., *Assoc.P.E.E.*
Keller, D. R., *P.&H.C.E.*
Kult, M. L., *Assoc.P.E.E.*
Landon, R. D., *Dean*
Manos, G. P., *Asst.P.C.E.*
Petry, W. M., *P.&H.M.E.*
Richards, A. M., Jr., *Assoc.P.C.E.*
Selby, S., *H.Math.*
Shearer, J. E., *Asst.P.M.E.*
Sibla, K. F., *P.&H.E.E.*
Smith, P. C., *Assoc.P.E.E.*
Wilson, E. R., *Assoc.P.M.E.*

Athens

Ohio University

Badger, I. P., *Assoc.P.&Act.Chm.C.E.*
Black, P. H., *P.&Chr.M.E.*
Cairns, J. R., *Inst.E.Dr.*
Cartland, F. W., *Lec.E.E.*
Curry, T. H., *Assoc.P.Chem.Eng.*
Ferrel, W. L., *Lab.Asst.*
Green, D. B., *P.E.E.*
Hicks, L. F., *Assoc.P.M.E.*
Hoffee, H. P., *Asst.P.E.E.*
Lausche, L. F., *Bus.Mgr.&Assoc.P.M.E.*
Lindley, J. F., *Asst.P.C.E.*
Martin, R. L., *Grad.Inst.M.E.*
McClure, O. E., *Assoc.P.E.E.&Phys.*
Niesse, D. H., *Asst.P.M.E.*
Quisenberry, R. C., *Chm.E.E.*
Rogers, H. F., *Inst.E.Drwg.*
Russ, E. G., *Inst.C.E.*
Smith, G. E., *Assoc.P.E.E.*
Smith, R. D., *Asst.P.M.E.*
Taylor, E. J., *Dean,AppliedScience*
Thomas, N. D., *Assoc.P.E.Dr.*
Weinert, G. A., *Inst.M.E.*
Wickham, R. C., *Asst.P.Engrg.Draw.*

Barberton

Sherrill, A. C., *Asst.Wrks.Mgr.*, Columbia-Southern Chem. Corp.

Berea

Baldwin-Wallace College

Dobbins, C. L., *Asst.Dn.*

Bexley

Elliott, H. Y., *Div.Supvr.*, Ohio Bell Telephone

Bryan

Clark, L. G., *Engr.Consultant*, ARO Equip. Co.

Canton

Hubler, J. W., *V.Pres.Eng.*, Macomber Inc.
Profitt, R. P., *Mgr.Col.Rel.*, Timken Roller Bearing Co.

Chillicothe

Yang, Y., *ResearchLab.*, Mead Corp.

Cincinnati

Arnold, D. S., *Head*, Chem. Dept., Natl. Lead Co. of Ohio
Bardes, O. P., *Pres.Eng.JobDir.*
Larson, Ed., *Partner*, Larson, White, & Hunt, Consult. Engr.
Lindstrom, C. A., *Sanit.Engr.*, U. S. Public Health Serv.
Luther, H. B., 919 Federal Reserve Bank Building
McFarlin, R. J., 5531 Dunning Pl.
McKee, R. E., *Train.Dir.*, R. K. LeBlond Machine Tool Co.
Pratt, D. F., *Dir.Trg.*, Cincinnati Milling Machine Co.

General Electric Co.

Noreen, A. E., *Supvr.Aero.*
Olson, R., *Supvr.Aero.*
Purdy, D. L., *SpaceProp.Syst.Engr.*
Romer, I. C., Jr., *Flight Engr.*
Sauter, H. E., *Supv.Res.Info.*

Ohio Mechanics Institute

Brodt, E. M., *Hd.,Con.Tech.*
Choate, D. C., *Chm.M.E.Tech.*
Davison, F. L., *Inst.Ind.Supvr.*
Fleckenstein, E. L., *DeanInst.*
Hamel, D. B., *Ex.V.P.&Dn.Adm.*
Henninger, G. R., *President*
Johnston, P. K., *P.&H.I.E.*
MacFarland, C. S., *Dir.ofAdmissions*

University of Cincinnati

Baker, J. L., *Assoc.P.Math.*
Baldwin, B. B., *Assoc.P.M.E.*
Bunting, J. W., *P.&H.M.E.*
Dangel, H. A., *Dir.Adm.&P.Math.*
Delcamp, R. M., *P.Chm.E.*
Dunholter, R. J., *P.Mech.*
Dwight, C. H., *Asst.P.Physics*
Elnan, O., *Asst.P.Aero.E.*
Engelmann, R. H., *Assoc.P.E.E.*
English, M. L., *Assoc.P.M.E.*
Eye, J. D., *Assoc.P.C.E.*
Fopma, R. J., *Asst.P.Math.*
Gilbert, N., *Assoc.P.Ch.E.*
Greene, H. S., *DeanAcad.Adm.&DeanGrad. Sch.Arts&Sci.*
Herweh, A. C., *P.&Hd.E.E.*
Howe, R. T., *Assoc.P.C.E.*
Hundley, R. E., *P.Mech.*
Joerger, C. A., *DeanEmer.Eng.*
Justice, H. K., *DeanEng.,P.Math.*
Knebel, A. H., *P.Eng.Graph.*
Langsam, W. C., *Pres.*
Laushey, L. M., *P.&Hd.C.E.*
Lemlich, R., *Asst.P.Ch.E.*
Litcht, W., *Met.E.*
Love, W., *Instr.Math.&Mech.*
McDuffie, R. O., *P.Met.E.*
Messinger, H. C., *Dir.Coord.&Place.*
Middendorf, W. H., *Assoc.P.E.E.*
Miller, H. L., *P.Math.*
Moon, G. D., *Asst.P.Ch.E.*
Murray, R. H., *Assoc.P.Aero.E.*
Neuffer, F. R., *Dean,Evening*
Osterbrock, C. H., *Instr.E.E.*
Pape, F. W., *Asst.P.Physics*
Park, C. W., *P.Eng.Emer.*
Peters, R. E., *Aeron.Eng.Coord.*
Price, R. H., *Assoc.P.Phy.Chem.*
Rakel, R. H., *Inst.E.E.*
Renn, R. W., *Assoc.P.Coord.*
Restemeyer, W. E., *Assoc.P.Math.*
Rogers, F. W., *Assoc.P.Math.*
Sarver, J. H., *P.&Hd.Engr.Gr.*
Shine, B. J., *P.Emer.Str.E.*
Smith, R. L., *P.M.E.*
Surbaugh, J. W., *Assoc.P.Math.*
Van Wye, R. A., *P.Coord.*
Wandmacher, C., *Assoc. Dn.Engr.*
Westermann, F. E., *Assoc.P.Met.E.*
Wilkes, S. R., *Asst.P.English*

Cleveland

Alexander, C. H., *Mgr.Prod.Imp.*, B. F. Goodrich Chem. Co.
Belavic, A. M., *Sr.Ind.Engr.*, E. F. Hauserman Co.
Carmichael, C., *Ed.*, Machine Design, Penton Pub Co.
Courtright, N. S., *Asst.Dir.Ed.*, Bailey Meter Co.
Davis, A. F., *Sec.*, Lincoln Arc Weld.
Davis, J. J., *Dir.ofEduc.*, National Radio Television School
Dreher, G. K., *Mkt.Dev.Dir.*, Steel Founders' Soc. Amer.
Glass, E. G., Jr., *Coor.Recruitment*, Standard Oil Co.
Green, R. E., *Asst.ChiefEng.*, Trygve Hopp & Assoc.
Haughney, L. C., *Physicist*, Lewis Flt. Prop. Lab.
Jennings, B. H., *P.;Dir.Research*, A.S.H. A.C.E.
Lomaz, D. De L., Keithley Instrument Co., 3868 Carnegie Ave.
Reed, R. J., *ApplicationE.*, North American Mfg. Co.
Rittenhouse, J. W., *Tech.Dir.*, Hi Voltage Equipment Co.
Savage, R. L., *V.P.Res.*, The North American Coal Corporation
Vaccaro, M. J., *PersonnelOffice*, Lewis Lab., Nat'l Advis. Comm. Aeronautics
Von Fischer, W., *Coord.Res.&Devel.*, Glidden Co.
Walsh, E. J., *Ex.Dir.*, Foundry Educational Foundation

Case Institute of Technology

Astle, M. J., *Act.DeanGrad.School*
Austin, J. B., Jr., *Asst.P.M.E.*
Baker, T. E., *Dn.Students&Assoc.P.Human. &Soc.Studies*
Barnes, G. E., *P.Hydr.&San.E.*
Behn, R. C., *Inst.E.Dr.*
Bolz, R. E., *P.&Hd.M.E.&E.Sc.*
Browzin, B. S., *Assoc.P.C.E.&Engr.Mechs.*
Bryan, W. L., *Assoc.P.M.E.*
Burlage, H., *Jr., Assoc.P.Aero.Eng.;Dir. Prop.Lab.*
Cooke, S. P., *Assoc.P.E.E.;Dir.Proj.Dean Brook*
Cover, G. M., *P.Met.E.*
Davison, B., *Asst.P.E.E.*
Eckman, D. P., *P.M.E.*
Glennan, T. K., *President*
Hollister, C. H., *P.E.Adm.*
Hrones, J. A., *VicePres.Academ.Affairs*
Konecny, A. R., *Asst.P.M.E.*
Kranzberg, M., *Assoc.P.History*
Laitala, E., *P.I.E.*
Lynam, W. A., *Assoc.P.M.E.*
McEachron, K. B., Jr., *Dn.Inst.*
Miller, W. R., *Asst.P.M.E.*

Nara, H. R., *HeadC.E.&E.Mech.*
Nudd, W. E., *Assoc.P.Eng.Dr.,Dir.Admissions*
Olsen, L. O., *P.Phys.*
Pinches, M. F., *Asst.P.&Assoc.Libr.*
Plonsey, R., *Asst.P.E.E.*
Putnam, R. C., *P.E.E.*
Reardon, L. J., *Assoc.P.C.E.*
Scalzi, J. B., *Assoc.P.C.C.*
Scheuermann, C., *Inst.E.Dr.*
Schneerer, W. F., *Asst.P.Eng.Dr.;Dir.Pub.*
Shurter, R. L., *Hd.Human.&Soc.Stud.*
Slaymaker, R. R., *P.M.Des.*
Stone, O. M., *Assoc.P.&H.Eng.Dr.*
Sutton, R. M., *Prof.Physics*
Taft, F. L., *P.&Exec.Off.Lang.&Lit.*
Thomas, C. F., *P.Math.Emer.*
Thomas, R. H., *Coord.Res.Adm.*
Thompson, K. O., *P.Engl.Emer.*
Tuve, G. L., *P.M.E.&Dir.BinghamLab.*
Walsh, T. J., *P.Ch.E.*
Whitlock, B. W., *Asst.P.Hum.*
Wright, D. K., *P.Mach.Des.*
Young, H. P., *P.English*

Cleveland Inst. of Radio Electronics

Smith, C. E., *President*

Fenn College

Auld, R. B., *Coord.Coop.Work*
Cumming, J. T., *Chm.Chem.Eng.&Chem.*
Earnest, G. B., *Pres.*
Fabel, D. C., *P.&Chm.M.E.&Met.E.*
Gallo, F. J., *Asst.P.C.E.&Engr.Mechs.*
Hales, V. D., *Assoc.P.&H.Eng.Draw.Dept.*
Harris, E. C., *P.&H.C.E.&E.Mechs.*
Hochner, R. M., *Asst.P.M.E.*
Leonard, G. D., *Inst.Math.*
Lord, A. M., *Assoc.P.M.E*
Miller, A. L., *Inst.E.E.*
Patterson, W. A., *DeanEngg.*
Penney, D. L., *Asst.P.M.E.*
Rimbol, N. R., *Dir.Tech.Inst.*
Robinson, M. B., *DeanCoop.Educ.*
Sherman, K. S., *Assoc.P.E.E.*
Shuga, M., *Asst.P.C.E.&E.Mech.*
Stark, R. M., *Asst.DeanEng.*
Taylor, J. I., *Inst.C.E.*
Van Voorhis, W. R., *P.&Hd.Math.*
Watson, S. R., *P.English*
Weber, J. W., *Inst.C.E.*

General Electric Company

Parry, R. E., *Engr.*

Jack & Heinz, Inc.

Kirchner, J. W., *Mgr.Prod.Coord.Sec.,Eng. Dept.*
Schamehorn, E. C., *St.&Spec.Engr.,Dir. Draft.Ap.Prog.*

John Carroll University

Millor, W. J., *P.Class.Lang.*

Republic Steel Corp.

Munger, H. P., *Hd.Met.Div.*
Smith, E. C., *Chf.Met.Dir.Res.*

Thompson, Ramo Wooldridge, Inc.

Massard, E. J., *Mgr.,M.E.,Mach.Des.*
Thoren, T. R., *StaffDir.Engr.Res.&Dev.*
Yingst, J. E., *Mgr.,StaffRes.*

Columbus

Chacey, L. A., *Ex.Sec.*, Ohio Soc. Prof. Engrs.
Elbin, G. H., *CountyEngr.*, Franklin County
Harding, G. H., *Consult.Eng.* 145 Northmore Pl.
Huckert, J., *Proj.Engr.*, The Jeffrey Mfg. Co.
Merritt, C. S., *Ind.Engr.*, Bonney-Floyd Co.
Puchstein, A. F., *Cons.Engr.*

Sackett, R., *EditorofCollegeDepartment*, Charles E. Merrill Books, Inc.
Turnbull, Wm., 1952 Chatfield Rd.

Battelle Memorial Institute

Anderson, R. J., *Asst.toDir.*
Morral, F. R., *Div.Consul Met.Eng.*
Paul, R. L., *Res.Engnr.M.E.*

Franklin University

Butcher, H. G., *Inst.Tech.I.*
Frasch, J. F., *Director*

Ohio State University

Ackley, K. A., *Inst.Engr.Dr.*
Ayres, E. D., *P.E.E.*
Babel, H. W., *Inst.I.E.*
Baker, D. F., *Asst.P.I.E.*
Barden, R. D., *P.&Chm.Agr.E.*
Beitler, S. R., *Dir.Pers.Budget*
Bishop, A. B., III, *Asst.P.I.E.*
Blickle, M. D., *Asst.P.Eng.;Asst.Dir..Comp. Staff*
Bolz, H., *Dean*
Boone, E. M., *P.E.E.*
Brown, A. I., *P.M.E.*
Brown, W. E., *Inst.Eng.Draw.*
Bucher, P., *P.M.E.*
Buxton, O. E., Jr., *Asst.P.M.E.*
Carson, G. B., *V.P.*
Clark, E. C., *P.Eng.Mech.*
Cooper, C. D., *P.Dr.*
Cosens, K. W., *Assoc.P.C.E.*
Davis, F. G., *Inst.Eng.Dr.*
Devereaux, A. B., *Asst.P.Engr.Dwg.*
Doebelin, E. O., *Asst.P.M.E.*
Dreese, E. E., *P.&Chrm.E.E.*
Dryden, C. E., *Assoc.P.Ch.E.*
Edmondson, J. N., *P.I.E.*
Folk, S. B., *P.Eng.Mech.*
Fontana, M. G., *P.&Chm.Met.E.*
Garibotti, J. F., *Inst.Engr.Mechs.*
Goodstein, R., *Inst.Eng.Mech*
Graham, P. F., *Assoc.P.Eng.Mech.*
Gray, H., *Prof.&Chm.C.E.*
Green, R. S., *Exec.Dir.,Engrg.Exper.Station*
Hang, R. I., *Asst.P.E.Dr.*
Howland, D., *Assoc.P.I.E.*
Jones, C. D., *Asst.P.M.E.*
Jones, L. D., *Assoc.Dean&Sec.E.*
Jordan, J. A., *Asst.P.M.E.*
Karrer, E. H., *P.C.E.*
Kearns, C. H., *Asst.P.E.Dr.*
Kibbey, D. R., *Inst.I.E.*
Kimberly, E. E., *P.E.E.*
King, R. M., *P.Cer.E.*
Knight, W. A., *Em.P.Mech.Practice*
Koffolt, J. H., *P.&H.Ch.E.*
Lamp, B. J., *Asst.P.Agric.E.*
Large, G. E., *P.Struct.E.*
Lawrence, G. M., *Asst.DeanEng.*
Lehoczky, P. N., *P.&H.I.E.*
Leissa, A. W., *Inst.Eng.Mech.*
Levis, C. A., *Asst.P.E.E.*
Machovina, P. E., *P.E.Dr.*
Mallett, F. M., *Assoc.P.Aero.E.*
Marco, S. M., *P.&Hd.M.E.*
Marquis, F. W., *P.Emer.M.E.*
McCauley, R. B., *Assoc.P.&Ch.WeldingE.*
McMaster, R. C., *P.WeldingEng.*
Miller, R. C., *P.Ag.E.*
Miller, R. F., *Inst.I.E.*
Mitten, L. G., *P.I.E.*
Mobley, M. D., *Inst.Engr.Mechs.*
Moffat, G. N., *P.M.E.*
Montz, J. M., *Assoc.P.C.E.Emer.*
Moore, H. D., *P.I.E.*
Morris, C. T., *P.Emer.C.E.*
Morris, W. T., *Assoc.P.I.E.*
Nash, C. D., Jr., *Inst.M.E.*
Norman, C. A., *P.Emer.M.E.*
Ott, P. W., *P.Emer.Eng.Mech.*
Paffenbarger, R. S., *P.&Chm.E.Dr.*
Parkinson, R. W., *Assoc.P.E.Dr.*
Pepper, P. M., *Assoc.P.Math.&I.E.;Asst. toDir.Res.Found.*

Philby, A. J., *Assoc.P.Eng.Dr.*
Powell, R. W., *P.Emer.Engr.Mechs.*
Purtz, C. F., *Asst.P.C.E.*
Reed, E. O., *Asst.P.Dr.*
Roberts, C. P., *P.M.E.*
Rockwell, T. H., *Asst.P.I.E.*
Romeo, A., *Inst.E.Dr.*
Russell, R., *P.Cer.E.*
Schwab, G. O., *P.Ag.E.*
Shupe, H. W., *P.Dr.*
Smith, C. B., *Assoc.P.C.E.*
Smith, M. L., *Assoc.Dn.*
Starkey, W. L., *P.M.E.*
Stinson, K. W., *P.M.E.*
Syverson, A., *P.Ch.E.*
Tang, K. Y., *P.E.E.*
Tifford, A. N., *Assoc.P.Aero.E.*
Torgersen, P. E., *Inst.I.E.*
Tucker, L., *Assoc.P.Engr.Mechs.*
Vandegrift, L. E., *P.C.E.*
Vierck, C. J., *P.Dr.*
Von Eschen, G. L., *P.&Chm.Aero.E.*
Watkins, F. E., *Assoc.P.Dr.*
Weimer, F. C., *P.E.E.*
West, C. T., *P.&Chmn.Eng.Mechanics*
Yarrington, P. T., *Asst.Dn.*
Zimmerman, R. H., *P.M.E.*

Cuyahoga Falls

Arendt, J., Jr., *Sr.Designer,* Columbia-Southern Chem. Corp.

Dayton

Burns, R. K., *Edu.Dir.Pers.Rel.,* Delco Pro. Div.
Coleman, J. D., *I.E.,StaffEngineer,* Frigidaire Division, 5715 Free Pike
Reynolds, W. E., *Pres.,* Wm. E. Reynolds Co.

Air Force Institute of Technology

Anderson, C. A., *Grad.Asst.Aero.E.*
Anderson, C. A., *Asst.P.Aero.E.*
Armstrong, R. H., *AcademicAdvisor*
Bailey, C. D., *Asst.P.Mech.*
Breuer, D. W., *Assoc.P.Mech.*
Clement, W. D., *Asst.P.Mech.*
D'Azzo, J. J., *Assoc.P.E.E.*
Deptula, A. R.
Downing, R. H., *Dean,Res.Col.*
Eckert, C. A., *Dir.Install.Eng.*
Eppers, W. C., Jr., *Asst.P.E.E.*
Fehrman, A. L., *Inst.M.E.*
Gatewood, B. E., *Res.Coord.&Res.Prof.*
Graetzer, G. R., *DeanEng.*
Haneman, V. S., Jr., *Assoc.P.Aero.E.*
Holder, W. G., *Chf.Ind.Engr.Div.,* Dayton Air Force Depot
Houpis, C. H., *Asst.P.E.E.*
Keister, P. H., *Assoc.P.Mech.*
Kepler, H. B., *Asst.P.M.E.*
Lehmann, W. L., *Hd.Phys.*
Lewis, L. F., *P.Phys.*
Lubelfeld, J., *Assoc.P.E.E.*
Manci, O. J., Jr., *Grad.Asst.Aero.E.*
Miller, J. E., *Asst.P.E.E.*
Morgan, B. S., Jr., *Grad.Asst.Aero.E.*
Paulnock, R. S., *Inst.E.E.*
Pedrotti, L. S., *Asst.P.Phys.*
Rex, E. M., *Act.Hd.&Assoc.P.M.E.*
Seaton, R. A., *Aca.Dir.*
Smith, F. R., *Hd.Hum.*
Valey, V. A., *Assoc.P.Mech.*
Zieman, C. M., *H.Dept.E.E.*

University of Dayton

Aldrich, H. L., *Supv.Engr.Dwg.*
Chamberlain, J. J., *P.C.E.*
Chong, B. M., *Eng.&E.Res.Div.*
Csaky, T. G., *Assoc.P.M.E.*
Driscoll, G. F., *Assoc.P.C.E.*
Fehlmann, A. B., Jr., *Inst.Tech.Inst.*
Golden, L. D., *Asst.P.*
Graney, M., *DeanE.*
Hanneman, D. A., *Inst.Tech.Inst.*
Hazen, R. R., *Chm.Elec.Tech.*
Holian, A. J., *Assoc.P.E.E.*
Hsu, S. T., *Act.Chmn.M.E.*
Knisley, A. W., *Instr.Tech.Inst.*
Kreider, M. J.
Landrum, R. D., *Asst.P.Phys.*
Loughran, W. H., *Asst.P.Ch.Tech.*
MacFarlane, J. R.
Machen, J. F., *Asst.P.M.E.*
Manger, R. F., *Inst.Elec.Tech.*
Mann, L. A., S. M., *DeanSci.*
McGraw, J. L., *Asst.P.Tech.Inst.*
Metz, D. C., *Dir.,Tech.Inst.*
Mitchell, R. I., *Chmn.I.E.*
Morgan, A. J., *Asst.P.E.E.*
Morgans, E. J., *Asst.P.Tech.Inst.*
Nielson, H., *Chm.M.E.*
Null, H. R., *Asst.P.Ch.E.*
Peterson, A. E., *Inst.Tech.Institute*
Puckett, R. B., *Inst.Tech.Inst.*
Rose, L. H., *P.&H.E.E.*
Schmidt, B. M., *Assoc.P.E.E.*
Schraut, K. C., *P.&Chm.Math.*
Staub, A. E., *Inst.Tech.Inst.*
Stith, R. J., *Asst.P.C.E.*
Thomson, R. A., *Asst.P.Mech.*
Weber, A. R., *P.M.E.*
Westerheide, J. R., *Dir.,Res.Center*
Wilder, J. H., *Instr.M.E.*
Wilson, R. E., *Head,Chem.E.Dept.*
Wright, H. E., *Asst.P.M.E.*
Yakura, J. N., *Assoc.P.E.E.*

East Cleveland

Sprenkle, R. E., *Dir.Educ.,* Bailey Meter Co.

Kent

Keith, C. W., *Inst.E.Dr.*

Loveland

Szego, G. C., *Mgr.,* Elec. Magnetic Flight Propulsion Lab., General Electric Co.

Mansfield

Barre, H. J., *Cons.Agr.Eng.*
Timmer, O. H., *BridgeEngr.,* Shaffer, Parrett & Assoc.

Portsmouth

Leslie, P., *Supr.Tech.Libr.,* Goodyear Atomic Corp.

Springfield

Wittenberg College

White, F. D., *Assoc.P.Engrg.Sc.*

Toledo

Davey, J. T., *Partner,* Davey, Kahn & Assoc.
Palmer, D. M., *Director,* Delos M. Palmer & Assoc. Consulting Eng.
Reese, R. C., *ConsultingEngineer,* P. O. Box 556
Rohr, W. F., *Ret.Inst.Eng.Dr.,* Woodward H.S.
Rohr, W. G., *Asst.Main.Eng.,* Libbey-Owens-Ford Glass Co.

University of Toledo

Ackerman, C. C., *Assoc.P.C.E.*
Amos, C. E., *P.Math.*
Brown, W. F., *P.&H.E.E.*
Burg, W. V., *P.&H.Chem.E.*
Chipman, R. A., *P.E.E.*
Ember, G., *Asst.P.M.E.*
Ewing, D. J., Jr., *Assoc.P.E.E.*
Fejer, A. A., *P.&Hd.Aero.E.&M.E.*
Foster, E. S., Jr., *P.Eng.Phy.*
Galbraith, E. D., *Instr.Engr.Draw.*
Garrison, E. B., *Inst.Dwg.*

Hanson, A. E., *Dean,Acad.Adm.*
Heath, G. L., *Assoc.P.M.E.*
Jiji, L. M., *Asst.P.M.E.*
Knowles, A. A., *President*
Netter, M. A., Jr., *Assoc.P.&Chm.Ind.E.*
Palermo, J. A., *Assoc.P.Ch.E.*
Pankratz, G. E., *Assoc.P.M.E.,Hd.E.Gr.*
Rochte, N. C., *Dir.*, University Junior College
Rymers, P. C., *Asst.P.E.Mechs.*
Smith, W. S., *ActingDeanofEngr.*
Solberg, A. N., *Dean,Res.&Spec.Ser.*
Thompson, L. M., *Assoc.P.Ind.E.*
Turin, J. J., *Dir.Nucl.E.,Chm.E.Phys.*
Weaver, E. W., Jr., *Assoc.P.M.E.*
Zmeskal, O., *Dn.*

Troy

Cary, H. B., *Dir.*, Hobard Brothers Technical School

Yellow Springs

Antioch College

Dawson, J. D., *V.Pres.&DeanStud.*
Kimball, D. E., *Asst.P.E.E.*
Myatt, D. J., *Assoc.P.E.*
Voelker, R. A., *P.C.E.;Chm.E.&Phy.Sci.*

Youngstown

United States Steel Corp.

Womack, C. C., *Asst.toGen.Supt.*

Youngstown University

Fok, T. D. Y., *Assoc.P.C.E.*

OKLAHOMA

Bartlesville

Mellow, E. W., *Sect.Mgr.*, Philips Petroleum Co.

Chickasha

Thomas, J. H., 12 Circle Drive

Norman

University of Oklahoma

Bone, H. K., *Assoc.P.Dr.*
Calvert, F. O., *Inst.M.E.*
Carson, W. H., *Dean*
Comp, L. A., *P.&Hd.Aero.E.*
Cory, W. L., *Assoc.P.Machs.*
Crosser, O. K., *Asst.P.Ch.E.*
Dawson, E. F., *Chr.&P.M.E.*
Farrar, C. L., *P.E.E.*
Fowler, R. G., *Chm.Eng.Physics*
Glickman, M., *P.E.*
Huntington, R. L., *Res.P.Ch.E.*
James, R. V., *P.T.&A.M.*
Kennedy, V. C., Jr., *Ex.Dir.*
Ketcham, B. V., *Assoc.P.&Chr.Aero.E.*
Love, T. J., Jr., *Asst.P.M.E.*
Maxson, G. R., *P.E.Dr.*
Melton, J. O., *Asst.P.Mechs.*
Morris, F. C., *P.&Chmn.Draw.*
Perry, R. H., *Assoc.P.Chem.E.*
Powers, J. E., *Asst.P.Chem.E.*
Powers, M. L., *Dir.Bus.&Ind.Serv.*
Sims, E. M., *P.M.E.*
Sliepcevich, C. M., *Assoc.Dean;P.Chem. Eng.*
Swearingen, L. E., *V.P.Res.&Dev.*
Tuma, G., *P.E.E.*
Turkington, D. B., *Assoc.P.M.E.*
Upthegrove, W. R., *Asst.P.&Chrm.Met.E.*
Wilson, W. H., *Assoc.P.Arch.*

Oklahoma City

Biggers, H., *Inst.Aircraft*, Civil Aeronautical Authority
Phillips, A. E., *Inst.Mech.Dr.*, Central High School

Oklahoma City University

Robson, F. B., *Instr.*

Stillwater

Oklahoma State University

Ashworth, E. R., *Asst.P.Ind.E.&Mgt.*
Barnes, E. M., *Assoc.P.Tech.Train.*
Bentley, W. J., *P.&Hd.Ind.Engr.&Mgt.*
Boggs, J. H., *Hd.M.E.*
Brown, B. F., *Inst.E.E.*
Cameron, C. F., *P.E.E.*
Chapel, R. E., *Asst.P.M.E.*
Comer, J. W., *Assoc.P.C.E.*
Donnell, P. S., *Vice-Pres.Emer.*
Dunn, C. A., *Exec.Dir.Eng.Res.*
Easton, W. H., *P.M.E.*
Ferguson, E. J., *Asst.P.Ind.Eng.*
Flanders, R. L., *P.&H.C.E.*
Fristoe, H. T., *P.E.E.*
Graves, Q. B., *P.C.E.*
Harrington, H. E., *Head Physics*
Irwin, R. R., *Assoc.P.M.E.*
Jovanovic, M. K., *Assoc.P.M.E.*
Kersten, R. D., *Asst.P.C.E.*
Leonard, C. M., *P.M.E.*
Lineback, H., *Asst.P.Tech.Train.*
Lingelbach, D. D., *Asst.P.E.E.*
Lohmann, M. R., *Dean*
Lucky, G. W., *Asst.P.E.E.*
Maddox, R. N., *Assoc.P.Ch.E.*
Means, R. E., *P.Arch.&C.E.*
Naeter, A., *P.&H.E.E.*
Nelson, G. L., *P.Agr.E.*
Parker, J. D., *Inst.M.E.*
Roney, M. W., *Assoc.P.Tech.Institute*
Saxton, R. G., *P.&Hd.Emer.C.E.*
Schroeder, E. W., *P.&H.Ag.E.*
Sheerar, L. F., *Exec.Dir.E.&I.E.*
Stapley, E. R., *DeanEmeritus*
Thompson, C. E., *Asst.P.Ind.E.*
Thompson, C. H., *Assoc.P.Tech.Tr.*
Thompson, T. B., *Assoc.P.E.E.*
Thuesen, H. G., *P.E.&Mgt.*
Venn, R. E., *Hd.&Assoc.P.M.E.*
Wiebelt, J. A., *Asst.P.M.E.*
Witt, R. P., *Asst.P.C.E.*
Wood, C. R., *Dir.E.,Stud.Pers.*
Zant, J. H., *P.Math.*

Tulsa

Douglas Aircraft Company

Fuller, G. M., *Hd.AerodynamicsDes.Group*
Hughes, C. S., *Aerodynamist*

University of Tulsa

Buthod, A. P., *Hd.Chem.&Pet.Ref.E.*
Gardner, F. T., *P.Chem.*
Guerrero, E. T., *Hd.Pet.Prod.E.*
Klotz, J. C., *P.&H.Aero.E.*
Langenheim, R. L., *Dean*
Regenbrecht, D. E., *Asst.P.M.E.*
Roark, I. W., *Assoc.P.Eng.Draw.*
Thomas, C. D., *P.&H.Phys.*

OREGON

Corvallis

Oregon State College

Albert, A. L., *P.Commun.E.*
Alexander, G. C., *Asst.P.E.E.*
Boubel, R. W., *Inst.M.E.*
Coopey, M. P., *P.C.E.*
Cox, L. E., *Inst.G.E.*
Croeni, J. G., *Inst.M.E.*
Croff, H. L., *Inst.Gen.E.*
Cropsey, M. G., *Assoc.P.Agr.E.*
Daly, E. A., *Asst.P.M.E.*
Engesser, W. F., *P.I.E*
Engle, J. F., *Asst.P.E.E.*
Gleeson, G. W., *DeanE.*
Gray, J. L., *Asst.P.G.E.*
Heath, C. O., *Assoc.P.M.E.*
Holcomb, G. W., *Hd.C.E.*
Hughes, A. D., *P.M.E.*
Jensen, C. M., *Asst.Prof.Gen.Eng.*
Larson, M. B., *Asst.P.M.E.*

Magnusson, P. C., *Assoc.P.E.E.*
Martin, W. H., *P.M.E.Emer.*
Merryfield, F., *P.San.E.*
Noyes, R. B., *Inst.M.E.*
Paasche, O. G., *P.M.E.*
Osborne, P. W., *Asst.P.M.E.*
Parkinson, H. N., *Asst.P.Gen.E.*
Paul, W. H., *P.Auto.E.*
Popovich, M., *P.M.E.&Asst.Dean*
Richardson, R. L., *Assoc.P.G.E.*
Robley, A. A., *Assoc.P.I.E.*
Sheely, M. C., *P.I.E.*
Simpson, S. D., *Asst.Prof.Gen.E.*
Slegel, L., *P.&Hd.M.E.*
Smith, B. E., *Asst.P.I.E.*
Smith, W. W., *Assoc.P.M.E.*
Stone, L. N., *P.&Hd.E.E.*
Walton, J. S., *P.&Hd.Ch.E.*
Withycombe, R. P., *Inst.Ind.E.*
Willey, E. C., *P.&Ch.E.Dr.*

Klamath Falls

Oregon Technical Institute

Brookins, J. E., *DeanInst.*
Chitwood, P. H., *Inst.Elec.Tech.*
Custer, B. O., *Chm.HighwayTech.*
DuWane, W. H., *Inst.Elec.*
Foulon, C. F., *Curric.Chm.*
McVey, A. V., *Head,Engr.Assoc.*
Orrell, D. B., *Hd.Elec.Tech.*
Purvins, W. D., *Dir.*

Oswego

Ward, J. B., *ResearchEngr.*, Pacific Power and Light

Portland

Badley, J. E., *Pres.*, Tractor Tr. Serv.
Brenton, W., *Gen.Supt.*, Gen. Elec. Co.
Gale, A. R., *Director,Tech.Inst.*, Oregon Polytechnic Institute
Herr, L. A., *Reg.Hydr.Engr.*, U. S. Bureau of Public Roads
McCaleb, O. K., *HeadInd.Arts*, David Douglas High School
Thompson, H. L., *Cons.Engr.*, Stevens & Thompson

Multnomah College

Coventry, N. M., *Hd.E.*

Portland State College

Martin, W. H., *P.E.*
Murphy, F. H., *Assoc.P.E.E.*
Ollszewski, C., *Asst.P.Engr.Sci.*
Williams, W. S., *DeanEng.*

Salem

Johnson, F. E., *Emer.*, Rt. 5, Box 437
Johnson, R. B., 628 Riverview Dr., N.W.

PENNSYLVANIA

Allentown

Pennsylvania State University Center

Herbein, H. J., *Asst.P.Engr.*
Zimmerman, J. R., *Asst.P.Engr.*

Altoona

Pennsylvania State University

Allshouse, W. C., *Asst.E.E.*
Canan, S. W., *Asst.P.E.*
Dejaiffe, E., *Asst.P.Eng.Ext.*
Jaggard, E. P., *Instr.Ag.&Mech.*
Ulrich, D. R., *Inst.Eng.*

Beaver

Jackson, J. R., *Consultant*

Bethlehem

Sentz, R. E., *Inst.E.E.*
Houghton, H. C., *Asst.toPers.Mgr.*, Bethlehem Steel Co.

Lehigh University

Andersen, L. B., *Asst.P.Ch.E.*
Bahar, L. Y., *Inst.Mech.*
Beer, F. P., *P.Mech.*
Bewley, L. V., *DeanEngrg.*
Brennan, C. W., *Asst.Dn.*
Butts, A., *P.Emer.Met.E.*
Christensen, G. J., *Dean,Col.ofArts&Sci;P. Eng.*
Conaid, G. P., *Assoc.P.Met.;Dir.Mag.Met. Lab.*
deNeufville, A. W., *Assoc.P.Mech.*
Dinsmore, G. A., *Asst.P.C.E.*
Dominic, R. P., *Inst.M.E.*
Ekberg, C. E., Jr., *Assoc.P.C.E.*
Eney, W. J., *P.&H.C.E.&Mech.*
Eppes, J. V., *Assoc.P.M.E.*
Ewing, S. B., *Assoc.P.English*
Gallagher, R. T., *P.&Hd.Min.E.*
Gould, A. F., *P.&H.Ind.E.*
Hartman, J. B., *P.&Hd.M.E.*
Horak, G. C., *Inst.Min.&Met.*
Jensen, C. D., *P.C.E.*
Kane, G. E., *Asst.P.Ind.E.*
Karakash, J. J., *P.,Hd.E.E.*
Kreith, F., *Assoc.P.M.E.*
Liebig, John O., *Assoc.P.C.E.*
McCracken, L. G., *Assoc.P.E.E.*
Myers, F. E., *H.Phys.&DeanGradSch.*
Neville, H. A., *Dean*
Osborn, J. C., *Asst.P.Mech.*
Ostapenko, A., *Asst.P.C.E.*
Richardson, W. J., *Assoc.P.I.E.*
Rumpf, J. L., *Instr.C.E.*
Snyder, R. H., *Assoc.P.San.E.*
Stout, R. D., *H.Met.E.*
Sword, E. C., *Asst.P.C.E.*
Terry, T. A., *Inst.M.E.*
Vickress, F., *Inst.C.E.*
Warfield, J. N., *Assoc.P.P.*
Whitaker, M. D., *President*

Blairsville

Vale Technical Institute

Vale, V. D., *Pres.*

Braddock

Gallaschum, G. F., *Supr.Place&Employ.*, E. Thomson Works

Bristol

Steffens, J., *Struc.GroupE.*, Kaiser Met. Products

Cambridge Springs

Alliance Technical Institute

Coleman, A. P., *Pres.*
Kruszka, E. J., *DeanTech.Inst.*

Campbell

Fitch, W. C., *Eng.*, Gannett, Fleming, Corddey & Carpenter

Canonsburg

Manning, M. L., Pa. Transformer Co.

Carlisle

Ripley, J. A., R.D. No. 3

Chester

Thom, G. B., Sun Shipbldg. & Dry Dock Co.

Pennsylvania Military College

Blumberg, L., *Chrm.ofEng.&P.M.E.&E.E.*

Coopersburg

McPherson, M. B., 611 South Main St.

Dillsburg

Zerby, A. B., *Ex.Sec.*, Eta Kappa Nu

Doylestown

Liebig, J. O., Jr., *C.E.*, Sylvan Pools, Inc.
Potter, M. B., *Vice-Pres.*, Horris, Henry & Potter, Inc.

Du Bois

Pennsylvania State U. Center
Glenn, W. A., Inst.M.E.
Mills, C. G., *Inst.Eng.*

Easton

Lafayette College
Best, C. L., *Assoc.P.Mechanics*
Carlson, H. M., *Hd.&P.M.E.*
Conover, L. J., *P.&H.E.E.*
Davison, D. J., *Inst.Ind. E.*
De Moyer, R., *P.&H.C.E.*
Feridun, K. K., *Asst.P.M.E.*
Fernandes, J. H., *Assoc.P.M.E.;Dir.Ev.Col.*
Hamilton, H. C., *Assoc.P.Gr.*
Jones, R. R., *Asst.P.Met.E.*
Jastrzebski, Z. D., *Assoc.P.Ch.E.*
Kerr, A. A., *Assoc.P.Graph.*
King, M., *P.E.E.Emer.*
Lohr, W. S., *P.Emeritus&H.C.E.*
Marthinsen, J., *Inst.C.E.*
McGeady, L. J., *Hd.Met.Engr.*
McLean, W. G., *P.&H.Mech.*
McMillen, E. L., *P.&H.Chem.E.*
McNabb, J. W., *Asst.P.Mech.*
Merrick, C. M., *P.&H.Ind.E.*
Moore, C. E., *Inst.Ind.E.*
Pardoe, P. D., *Inst.Mechs.*
Powell, A. P., *Assoc.P.E.E.*
Reifsnyder, J. G., *Assoc.P.E.E.*
Schmitt, E. S., Jr., *Asst.P.Chem.Eng.*
Slantz, F. W., *DeanEng.Sci.*
Smith, F. W., *P.E.E.*
Weishampel, J. A., *Assoc.P.M.E.*

Erie

Stark, W., *Proj.Dir.*, Morris Knowles, Inc.

Gannon College
Haughney, L. C., *Asst.P.Physics*

Penn State University
Baker, R. C., *Asst.P.Engr.*
Werner, H. D., *Inst.E.Ext.*

Fairless Hills

U. S. Steel Corp.
Afflerbach, H. R., *Met.*
Lewis, R. M., *Gen.Sup.Pers.*

Greensburg

West Penn Power Co.
Walter, J. K., *Mgr.Emp.&Tr.*

Grove City

Smock, D. O., *P.E.E.*

Harrisburg

Fitch, W. C., *Asst.Dir.Valuation*
Peters, R. E., *Control.*, Berger Assoc., Inc.
West, J. T., Jr., *Exec.Sec.* Pa. Society of Prof. Engrs.

Haverford

Haverford College
Hetzel, T. B., *Assoc.P.M.E.*
Holmes, C. W., *Chmn.E.*
Oakley, C. O., *P.Math.*
Rittenhouse, L. H., *P.Em.*

Havertown

McClain, C. H., *Proj.Eng.*, Welding Engineers, Inc.

Hazleton

Pennsylvania State University Center
Esher, F. N., *Asst.P.E.*
Foster, D. V., *Asst.P.E.,Eng.Ext.*
Nelson, G. R., *Asst.P.E.*

Hellertown

Sweeney, R. J., *Consultant*

Huntingdon

Shaffer, W. R., *Proj.Engr.*, J. R. Wald Co.

Johnstown

University of Pittsburgh
Anderson, C. A., *P.Phys.E.*

Johnsville

Pekarsky, A. L., Naval Air Development Center

Lancaster

Bryant, J. M., *Prof.Emer.E.E.*

Franklin & Marshall College
Weller, R. I., *Chm.Physics*
Fink, C. E.

La Plume

Lawther, W. C., Sr., *Chm.Sci.&Engr.*, Keystone Junior College

Latrobe

St. Vincent Archabbey & College
Gracida, R. H., *Hd.Engr.&Design*

Lemont

LeBlanc, L. P., *Inst.Aero.E.*

Lester

Westinghouse Electric Corp.
Bourne, J. G., *Des.Engr.*
Franck, C. C., Sr., *Consul.Eng.*

Levittown

Grasshoff, L. H., *Tech.Staff*, RCA Lab.
Lew, H. G., 183 Magnolia Drive

Lewisburg

Bucknell University
Buch, W. G., *M.E.*
Coder, C. H., Jr., *Assoc.P.M.E.*
Eckberg, H. F., *Dn.*
Gardner, R. A., *P.C.E.*
Garman, W. D., *P.Emer.M.E.*
Griffith, D. M., *P.&Ch.C.E.*
Hale, J. S., III. *Inst.C.E.*
Irland, G. A., *P.&Ch.E.E.*
Kindig, C. H., *P.C.E.*
Kunkle, G. M., *Assoc.P.M.E.*
Miller, J. B., *P.E.E.*
Minard, G. W., *P.Ch.E.*
Shaffer, H. A., *P.E.Dr.*
Sheridan, M. L., *Assoc.P.C.E.*
Sims, H. D., *P.&Ch.Ch.E.*
Slonaker, R. E., *Asst.P.Ch.E.*
Walker, R. C., *Assoc.P.E.E.*
Webb, H. E., *Asst.P.E.E.*

McKeesport

Pennsylvania State University
Dyche, H. E., Jr., *Inst.*
Levine, M., *Asst.P.Engr.*

Meadville

Michener, W. H., *Assoc.P.Phys.*

Moylan

Sutherland, H., *P.Emer.C.E.*

New Cumberland

Timmer, D. H., *Sr.Des.Bridge,* Gannett Fleming Corddry & Carpenter

New Holland

Skromme, L. H., *ChiefEngr.,* New Holland Machine Div., The Sperry-Rand Corp.

Newtown

McClain, C. H., *Dev.Eng.,* Formvac Corp.

Ogontz Center

Pennsylvania State University

Sohl, C. F., *Inst.Engr.*

Paoli

Travis, I., *VicePres.Res.&Eng.*

Paxinos

Weysser, J. L. G., *Con.Min.Eng.*

Philadelphia

Berends, H. E., Frankford Arsenal
Doanides, P. J., *V.Pres.,* Vacuum Concrete, Inc.
Gaty, L. R., *VicePres.Res.&Develmt,* Philadelphia Electric Company
Kirkbride, C. G., *Pres.,* Houdry Process Corp.
Majde, S., *Cons.Engr.,* Burgess-Manning Co.
O'Connor, Rev. J. S., *Chm.&Coord.Phy.,* St. Joseph's College
Painter, R. J., *Ex.Sec.,A.S.T.M.*
Pearce, C. T., *Mgr.,* Atlantic Reg., Westinghouse
Swift, R. G., *Dir.Eng.School,* Bell Tel. Co.
Ulmer, W. G., Jr., *Place.Mgr.,* Philco Corp.

American Viscose Corp.

Adams, A. R., *Asst.toVice-Pres.*
Nolan, W. M., *Recruit.Mgr.*
Stewart, W. W., *StaffAsst.,Res.&Dev.Dept.*

Atlantic Refining Company

McIlvain, J. M., *Chf.Ind.Engr.*

Drexel Institute of Technology

Bachman, C. L., *Inst.M.E.*
Baker, J. B., *P.M.E.*
Baughman, G. H., Jr., *Mgr.,OfficofDev.*
Billings, J. H., *P.&H.M.E.&Aero.*
Blakeslee, H. W., *Asst.P.M.E.*
Bowman, H. L., *Dn.Facul.*
Brothers, L. A., *Dn.Engr.*
Chase, E. F., *P.Chem.*
Cogan, I., *Assoc.P.E.E.*
Collins, S. B., *Asst.Dir.Dept.Ind.Coord.*
Connell, C. R., *Asst.P.M.E.*
Creese, James, *President*
Disque, R. C., *DeanEmer.*
Dowell, D., *P.M.E.*
Etter, C. G., Jr., *Assoc.P.C.E.*
Fletcher, F. A., *P.&H.Ch.E.*
Fullerton, H. P., *Adj.P.M.E.*
Giles, R. V., *P.C.E.*
Grossman, E. D., *Asst.P.Ch.E.*
Grosvenor, A. W., *P.&Hd.Met.E.*
Gwiazda, S. J., *Assoc.P.M.E.*
Hanson, R. S., *P.&H.Chem.*
Haynes, F. B., *Hd.E.E.*
Heurich, R. P., *Asst.P.C.E.*
Holland, W. A., *Lec.E.E.*
Kaplan, M. N., *Asst.P.E.E.*
Kapp, C. A., *Dir.Coop.Ed.*
Korda, E. J., *Assoc.P.Met.Eng.*
Mains, L. P., *P.&H.C.E.*
McDonough, D. L., *Hd.Math.,Eve.Col.*
Miller, I. A., *Inst.Physics*
Morgan, D. W. R., *P.Eng.*
Neal, J. W., Jr., *Coord.Co-op.Dept.*
Polk, C., *Lect.E.E.*
Raynes, S. H., *P.M.E.*
Reisse, C. W., *Assoc.P.M.E.*
Riddle, K. W., *DeanEv.Sch.*
Rutledge, H. G., *Hd.Math.,Eve.Col.*
Sasin, G. S., *P.Chem.*
Shah-Nazaroff, L. G., *Assoc.P.C.E.*
Stevens, W. J., *P.M.E.*
Sun, H. H., *Assoc.P.E.E.*
Thomas, D. H., *Inst.M.E.*
Twining, R. B., *Asst.P.M.E.*
Uhl, V. W., *Assoc.P.Ch.E.*
Vener, R. E., *AdjunctProf.*
White, N. E., *Assoc.P.Chem.*
Williams, F. H. M., *P.Math.*
Woodring, R. E., *Inst.C.E.*
Zern, R. T., *Assoc.P.E.E.*
Zuspan, G. W., *Asst.P.Met.E.*

The Franklin Institute

Allen, P., *Proj.Engr.*
Unnewehr, L. E., *Res.Engr.*

General Electric Co.

Healy, W. L., *SpecialistLab.*
McFall, R. W., *Mgr.Eng.Spec.Def.Proj.Dept.*

Leeds & Northrop Co.

Quereau, J. F., *Dir.Mftg.*
Stein, I. M., *Pres.*

Philadelphia Textile Institute

Hayward, B. W., *Pres.*
Partridge, D. C. *Dean*

Spring Garden Institute

Gross, H. W., *DeanEmer.*
Helffrich, R. G., *Director*
Mills, C. G., *Cons.*
O'Connor, J. F., *Asst.Dir.*
Pruyn, W. V., *Commun.Coord.-Admin.*
Ramsey, L. C., *Exec.V.P.*

University of Pennsylvania

Arader, H. F., *Proj.Dir.*
Boghosian, W. H., *P.E.E.;Assoc.Dir.Inst. Coop.Res.*
Brainerd, J. G., *Dir.MooreSch.E.E.*
Chambers, C. C., *V.P.Eng.Affairs;P.E.E.*
Eagleton, L. C., *Assoc.P.Ch.E.*
Fegley, K. A., *Vis.Asst.P.E.E.*
Frank, E., *Asst.P.E.E.*
Gottschalk, W. H., *P.&Chmn.Math.*
Gulick, L. N., *P.M.E.*
Harroun, D. T., *P.C.E.*
Hazel, J. F., *P.Chem.*
Hewitt, E. C., *Inst.Physics*
Hixson, A. N., *Asst.Vice-Pres.,Eng.Affairs*
Houston, R. W., *Assoc.P.Ch.E.*
Humphrey, A. E., *Assoc.P.Chem.E.*
Jorgensen, A., *P.M.E.*
Joseph, D., *Inst.E.E.*
Kelly, P. J., *Inst.E.E.*
Ku, Y. H., *P.E.E.*
MacDonald, R. L., *Dir.Place.*
Molstad, M. C., *Dir.Prof.E.*
Murray, D. S., *Admin.Dir.Proj.Res.&Grants*
Pender, Harold, *DeanEmeritus*
Prior, J. A., *Assoc.P.M.E.*
Schwartz, R. F., *Res.Assoc.E.E.*
Shen, D. W. C., *Asst.P.E.E.*
Shore, S., *Assoc.P.C.E.*
Showers, R. M., *P.E.E.*

Sohon, H., *Assoc.P.E.E.*
Stover, E. F., *P.&H.C.E.*
Tompkins, H. E., *Asst.P.E.E.*
Warren, S. R., Jr., *P.E.E.&Asst.V.Pres.*
Trumpler, P. R., *Dir.M.E.*
Yarnall, J. B., *Asst.toV.P.,Engr.Affairs*
Yeh, H., *P.M.E.*

Phoenixville

Tatnall, F. G., *V.P.*, Tatnall Measuring Systems Co.

Pittsburgh

Birch, R. E., *Res.Dir.*, Harbison-Walker
Chesire, E. E., *Sr.Lib.*, Carnegie Library of Pittsburgh
Conwell, W. A., *V.P.*, Duquesne Light Co.
Cooper, M. D., *Dir.,Min.E.Ed.*, Natl. Coal Assn.
Evans, D. A., *Sup.Engr.*, National Tube Div.
Frazier, D. N., *Jr., Grad.Stud.,Prof.Engr.*, 7344 Lemington Ave.
Graham, J. D., 1044 Findley Dr.
Hill, J. A., *Asst.V.P.*, Jones and Laughlin Steel Corp.
Jones, W. N., 562 Briar Cliff Rd.
Kindler, H. S., *Dir.*
Marshall, S. C., 5440 Penn Ave.
McKenry, Nell, *Asst.Secy.EmeritusASEE.*
Pasek, J. E., *Asst.Gen.SalesMgr.*, Mallet & Co.
Schroedel, K. B., *ComputerAnaly.*, I.B.M.

Allegheny Ludlum Steel Corporation

Batcheller, H. B., *Chm.ofBrd.*
Crowell, W. S., Jr., *Coord.Pers.Procure.*

Carnegie Institute of Technology

Archer, D. H., *Asst.P.Ch.E.*
Au, T., *Assoc.P.C.E.*
Bintzer, H. R., *V.Pres.*
Blaisdell, A. H., *Assoc.P.M.E.*
Canjar, L. N., *Assoc.P.Ch.E.*
Cleeton, G. U., *Dean, Hum.&Soc.Studies*
Crum, R. G., *Asst.P.C.E.*
D'Appolonia, E., *Lect.C.E.*
Finzl, L. A., *P.E.E.*
Forstall, W., *P.M.E.*
Hawk, M. C., *Asst.P.M.E.*
Hinman, G. W., *Asst.P.Phys.*
Marboe, R. F., *Mgr.E.Serv.Div.*
Mathias, R. A., *Asst.P.E.E.*
McCarty, W. T., *Proj.Engr.*
McCullough, F. M., *P.Em.C.E.*
Mehl, R. F., *P.&H.Met.E.*
Monrad, C. C., *P.&H.Ch.E.*
Osterle, J. F., *P.M.E.*
Penney, G. W., *P.E.E.*
Romualdi, J. P., *Asst.P.C.E.*
Rothfus, R. R., *Assoc.P.ofCh.E.*
Rossini, F. D., *P.&Hd.Chem.,Dir.Pet.Res Lab.*
Schatz, E. R., *Asst.DeanEng.&Sci.*
Smith, P. L., Jr., *Grad.Stud.E.E.*
Spagnuolo, J. E., *Assoc.P.Arch.*
Stanton, C. B., *P.EmeritusC.E.*
Stelson, T. E., *Asst.P.C.E.*
Stokey, W. F., *Assoc.P.M.E.*
Taaffe, W. R., *Assoc.P.Mgmt.*
Teare, B. R., *Dean*
Toor, H. L., *Assoc.P.C.E.*
Ver Planck, D. W., *P.&H.M.E.*
Warner, J. C., *President*
Williams, E. M., *P.&Hd.E.E.*
Wright, A., *P.&H.Engl.*
Young, F. J., *Asst.P.E.E.*

Mellon Institute of Industrial Research

Hodge, W. W., *SeniorFellow*
Webb, G. A., *Dir.Eng.*

Penn Technical Institute

Dimasi, L. A., *Dir.*
Marshall, S. C., *Director*

Pittsburgh Technical Institute

Fage, J. H., *Inst.Ind. Engr.*
Pugh, W. H., *Inst.Engr.*
Sulkowski, E. L., *Acad.Dir.*

U. S. Steel Corp.

Moran, J. F., *StaffSupv.,PlantTrain.,Coop. Eng.*
Smith, H. C., *Dir.Tr.&Devel.*
Whigham, W., Jr., *Asst.Ex.V.P.*

University of Pittsburgh

Abrams, J. P., *Assoc.P.C.E.*
Beckwith, T. G., *P.M.E.*
Berger, J. A., *P.&Hd.Met.E.*
Beroes, C. S., *Asst.P.Chem.E.*
Bonn, R., *Assoc.P.C.E.*
Botset, H. G., *P.&H.Pet.E.*
Bowman, J. G., *Pres.,Hon.*
Brinda, J., *Asst.P.E.E.*
Buck, N. L., *P.&H.M.E.*
Calvert, J. F., *Prof.&Hd.E.E.*
Coull, J., *P.&H.Ch.E.*
Crouch, W. G., *P.&Chm.Engl.*
DeLeo, E. A., *Assoc.P.Ind.E.*
DeMart, H. C., *Asst.P.C.E.*
Dines, E. A., *P.&H.Min.Eng.*
Dinker, J. D., *P.C.E.*
Edgar, R. F., *Hd.C.E.;Assoc.Dean&Chm Admis.*
Endsley, L. E., *Lect.M.E.*
Fitterer, G. R., *Dn.Engr.&Min.;Engr.Res.*
Ford, D. J., *Assoc.P.E.E.*
Fulton, P. F., *P.Pet.Eng.*
Gorham, R. C., *P.E.E.*
Grecco, W. L., *Assoc.P.C.E.*
Hertig, B. A., *Res.Asst.*
Holzman, A. G., *Assoc.P.Engr.*
Hovey, B. K., *Assoc.P.E.E.*
Kirkpatrick, E. T., *Asst.P.M.E.*
Kisiel, C. C., *Asst.P.C.E.*
Leidy, B. I., *Asst.P.M.E.*
Lightholder, R. K., *P.C.E.*
Liggett, T., *Asst.P.Chem.E.*
Luterancik, B. J., *Inst.C.E.*
Manifold, G. O., *P.M.E.*
Miller, J. P., *Inst.C.E.*
Mishtal, T. W., *Inst.M.E.*
Peck, G. V., *P.C.E.*
Poore, D. M., *Asst.P.Ind.E.*
Ricardo, L. A., *Inst.M.E.*
Rohrer, W. M., Jr., *Assoc.P.M.E.*
Rudoy, W., *Assoc.P.M.E.*
Rush, P. E., *P.E.E.*
Schroedel, K. B., *Res.Engr.;Asst.P.Ind.E.*
Short, W. I., *Admin.Officer,P.C.E.*
Smalley, H. E., *Assoc.P.I.E.;Asst.forMgmt. Eng.toV.Chanc.*
Smith, D. H., *Inst.Eng.Ext.*
Smith, J. R., *Assoc.P.C.E.*
Stuart, E. B., *Asst.P.Chem.E.*
Tassoney, J. P., *Asst.P.Ch.E.*
Turkes, W. R., *P.&Hd.I.E.;Assoc.DeanEng. &Mines*
Warner, W., *Inst.M.E.*
Wolfarth, H. W., *Assoc.P.I.E.*
Yates, C. C., *P.M.E.*

Westinghouse Electric Corporation

Atherton, R., *Supv.Engr.*
Baldwin, E. N., *Mfg.Consult.*
Davis, R. H., *Supv.Eng.Train.*
Dean, J. W., *Supr.Ed.Act.*
Ebert, C. H., Jr., *Mgr., Univ.Rel.*
Fabian, R. C., *Supvr.Univer.Rel.*
Lobinger, G. D., *Mgr.Ed.Dept.*
McCarty, W. T., *Sr.Engr.*
McKeon, J. C., *Dir.ofTrng.*
Monteith, A. C., *VicePres.*
Moore, G. E., *Mgr.Univ.Rel.*
Noggle, L. H., Jr., *Prof.Emply.Ed.*
Sommerman, G. M. L., *Res.Engr.*
Turkes, W. R., *P.&Hd.I.E.*
Van Horn, J. R., *Mgr.,Educ.&Tran.Dept.*, Bettis Atomic Power Div.
Whipple, W. G., *Tech.Recr.,Educ.Dept.*
Wint, C. T., *PowerHouseSub.Div.*

Reading

Watson, E. W., *Elec.&Instrum.Engr.*, Mast Eng'g Co.

Scranton

International Correspondence Schools

Nottenburg, R. A., *DeanFac.*

International Textbook Co.

Stashak, G. J., *Publ.Rep.*, Inter. Tex. Co.
Tice, L. W., *Pres.,Chm.Brd.,Publish.*

Pennsylvania State University Center

Moore, F. B., *Asst.P.Engr.*

State College

Haller, Raymond and Brown, Inc.

Doggett, C. A., *Sr.Engr.*
Hummel, J. O. P., *StaffEngr.*
McHose, A. H., *Sr.Engr.*

University Park

Pennsylvania State University

Allshouse, W. C., *Asst.*
Ambrosius, E. E., *P.M.E.*
Arkilic, G. M., *Asst.P.Eng.Mech.*
Armington, R. E., *Assoc.P.E.E.*
Arnold, C. K., *StaffAsst.toPres.*
Barnoff, R. M., *Asst.P.C.E.*
Bowhill, S. A., *Assoc.P.E.E.*
Birnie, C., Jr., *Assoc.P.M.E.*
Breneman, J. W., *P.E.Mech.*
Brown, J. L., Jr., *Assoc.P.Engr.Research*
Caldwell, J. W., *Assoc.P.I.E.*
Cannon, M. R., *P.Ch.E.*
Carnahan, F. L., *Act.Hd.Ch.E.*
Chevalier, C. E., *Inst.M.E.*
Chovanes, E., *Inst.Mech.Eng.*
Cook, J. S., *Assoc.P.Engl.;Supv.Engl.Arts &Sci.Ext.*
Davids, N., *P.E.Mech.*
Dawson, E., *P.E.Res.*
Decker, J. D., *Assoc.P.M.E.*
Defina, F. P., *Inst.E.E.*
Dilillo, C. C., *Assoc.P.M.E.*
Dillenbeck, H. L., *Inst.M.E.*
Dodson, E. E., *Asst.P.M.E.*
Doggett, L. A., *P.Em.E.E.*
Draper, A. B., *Asst.P.I.E.*
Dunlap, L. T., *Assoc.P.Math.*
Dunn, W. A., *Asst.P.Eng.Extn.*
Dusinberre, G. M., *Prof.M.E.*
Ebaugh, P., *Asst.Dn.Res.;Phys.*
Farwell, R. S., *Asst.P.I.E.*
Fellows, R. D., *Assoc.P.M.E.*
Fenake, M. R., *Dir.,Pet.Res.Lab.*
Fischer, F. B., General Exten. Office
Frederick, M. E., *PatentCounselOrdnance Res.Lab.*
Forbes, A. H., *Assoc.P.E.E.*
Frederick, M. E., *PatentLawyer,&Asst.P. Eng.Res.*
Gilian, G. K., *P.C.E.*
Gjesdahl, M. S., *P.M.E.*
Gotolski, W. H., *Inst.C.E.*
Grenata, M. C., *Inst.C.E.*
Griffith, E. G., *Inst.E.E.*, Allentown Ext. Center
Hall, J. T., Jr., *P.E.E.*
Hardenbergh, D. E., *Assoc.P.Mech.*
Hasslacher, G. J., III., *Inst.Engg.Mechs.*
Hewitt, E. C., *Inst.Eng.Ext.*
Hodgen, A. R., *Asst.P.E.*
Hogan, R. J., *Inst.Eng.Ext.*
Holderman, K. L., *Asst.Dn.,Tech.Inst.*
Holt, C. B., *Assoc.P.E.E.*
Houp, K. W., *Assoc.P.Engl.*
Hunter, K., *Supr.C.E.&E.Mech.;Inst.Eng. Ext.*
Hurst, C. J., *Inst.M.E.*
Isenberg, M. W., *Assoc.P.Arch.Engr.*
Jenks, B. L., *Assoc.P.M.E.*
Kane, H., *Asst.P.C.E.*
Keen, E. C., *Inst.Engr.*
Keller, E. L., *Dir.Gen.Ex.*
Kelly, H. H., *Assoc.P.Eng.*
Kelley, H. H., *Assoc.P.E.Res.*
Kountz, R. R., *P.San.Eng.*
Labenski, J. J., *Assoc.P.,Ord.Res.Lab.*
Lancaster, O. E., *WestinghouseP.Engr. Educ.*
Lee, L., *Assoc.P.Eng.Res.*
Lester, J. C., *Assoc.P.M.E.*
Lestz, S. S., *Inst.M.E.*
Levine, M., *Inst.E.*
Linsky, C., *Assoc.P.I.E.*
Marboe, R. F., *Assoc.P.E.Res.;Asst.Dir. (ORL)*
Marin, J., *P.&H.Eng.Mech.*
Mathieu, R. D., *Inst.Aero.Engr.*
McCord, R. E., *Assoc.P.Eng.*
Mentzer, J. R., *P.Engr.Sci.*
Michelson, I., *Hd.AeroEngr.*
Moore, F. B., *Asst.P.Engr.Ex.*
Moore, J. H., *Assoc.P.C.E.*
Morris, S., *Asst.P.Math.*
Moss, C. R., *I.E.*
Myers, E. A., *Asst.P.Agr.E.*
Neilly, V. E., *Assoc.P.Engr.Ext.*
Nesbitt, J. B., *Asst.P.C.E.*
Niebel, B. W., *P.&Hd.I.E.*
Nye, E. P., *Assoc.P.M.E.*
Olver, E. F., *Dir.Secur.&Assoc.P.Agr.E.*
Osborn, M. S., *P.&Hd.Dept.Arch.*
Owens, F. W., *P.&H.Math.Em.*
Park, W. H., *Inst.M.E.*
Pass, V. L., *Asst.P.Arch.E.*
Patterson, R. E., *P.&Hd.Agr.Eng.Ext.*
Pearson, D. S., *P.E.E.*
Peikert, F. W., *P.&H.Agric.E.*
Perez, L. J., *Asst.DeanEng.&Arch.;P.C.E.*
Quarles, G. G., *Dir.Ord.Res.Lab.*
Quiggle, D., *Res.P.Chem.,Ch.E.*
Ramsey, R. H., *Hd.Ind.Ref.Div.*
Reen, C. G., *P.C.E.*
Rhodes, L. S., *P.C.E.Emer.*
Rice, P. X., *Assoc.P.E.E.*
Richardson, L. A., *P.Arch.E.*
Richter, J. G., *Asst.P.M.E.*
Roscoe, E. S., *Assoc.P.I.E.*
Rose, A., *P.Chem.E.*
Rung, T. S., *InChrg.Ter.Study*
Sauer, J. A., *P.&Hd.Phys.*
Scheirer, R. D., *P.C.E.*
Schultz, R. B., *Inst.M.E.*
Searcrist, G. K., *Inst.Engl.*, York Center
Shaw, M. D., *Asst.P.Tgr.E.*
Shields, P. E., *Assoc.P.E.E.*
Shulits, S., *P.C.E.*
Smith, A. P., *Inst.Eng.Ext.*
Smith, C. J., *Assoc.P.C.E.*
Snively, S. F., *Asst.P.Econ.*
Sparks, B. C., *Inst.Engr.Mechs.*
Sparks, N. R., *P.&H.M.E.*
Stavely, E. B., *Assoc.Dean;P.E.E.*
Sweinberg, L. A., *Asst.P.Engr.&Arch.*
Swigart, O. R., *Assoc.P.M.E.*
Tarpley, H. I., *P.E.E.*
Thomas, G. D., *Assoc.P.C.E.*
Thompson, A. T., *Assoc.Dir.&P.Engr.Research*
Thuering, G. L., *P.I.E.*
Tracey, E. J., Jr., *Asst.P.Ord.Res.*
Tredennick, D. C., *Inst.Eng.Exten.*
Ulrich, E., *M.E.*
Underwood, W. N., *Assoc.P.C.E.*
Vierck, R. K., *P.Eng.Mech.*
Volz, C., *Assoc.P.E.E.*
Walker, E. A., *Pres.*
Walton, H. V., *Assoc.P.Agr.E.*
Waynick, A. H., *P.&Hd.E.E.,Dir.Ionosphere Res.Lab.*
Webb, W., *P.Physics*
Weber, R. L., *Assoc.P.Physics*
Weeden, H. A., *Assoc.P.C.E.*
Whisler, B. A., *Prof.Hd.C.E.*
White, M. W., *P.Phys.*
Williams, E. T., *Assoc.P.Ch.E.*
Williamson, M. A., *DeanEng.&Arch.*
Winter, W. P., *Asst.P.I.E.*

Wislicenus, G. F., *P.Aeron.Engr.&Dir.*, Garfield Thomas Water Tunnel
Wright, T. A., *Inst.E.Ext.*
Zimmerman, J. R., *Inst.Eng.Ext.*

St. Marys

Butler, Edward W., *Lec.,V.P.Sales*, Speer Carbon Co.

Swarthmore

Batke, T. L., *Spe.Serv.Engr.*, E. I. du Pont de Nemours

Swarthmore College

Barus, C., *Asst.P.E.E.*
Bowler, D. L., *Asst.P.E.E.*
Carpenter, S. T., *P.&Ch.C.E.*
Cope, W. J., *P.&Chm.M.E.*
Fukushima, T., *Inst.M.E.*
Jenkins, H. M., *P.&H.E.E.*
Linsenmeyer, R. F., *Asst.P.C.E.*
McCrumm, J. D., *Chm.Engr.*
Morrill, B., *Assoc.P.M.E.*
Newlin, C. W., *C.E.*
Prager, P. C., *Asst.P.M.E.&Asst.Contr. Oper.*

Villanova

Villanova University

Adams, R. F., *Asst.P.E.E.*
Allen, P., *Asst.P.M.E.*
Auth, G. H., *Assoc.P.M.E.*
Avil, R. D., *Assoc.P.E.E.*
Brown, J. E., *Inst.C.E.*
Clothier, J. B., *Assoc.P.E.E.*
Comly, S. P., *Inst.E.E.*
Donnellon, V. Rev. J. A., *O.S.A.,Pres.*
Dunnelly, J. B., *Inst.M.E.*
Gabriel, E. Z., *Asst.P.E.E.*
Gallen, J. J., *P.&Hd.C.E.*
Gillan, M. J., *P.E.E.*
Gorman, W. M., *Assoc.P.M.E.*
Heimer, R. C., *Assoc.P.Management*
Hicks, J. J., *Assoc.P.E.E.*
Hopwood, J. F. X., *Inst.C.E.*
Johnson, J. K., *Inst.M.E.*
Klein, D. R., *Asst.P.Ch.E.*
Klekotka, J. A., Rev., *E.E.*
Koliner, R., *Assoc.P.C.E.*
McElhaney, J. H., *Inst.M.E.*
McFarland, F. J., *Inst.M.E.*
McNichol, W. J., *Asst.P.C.E.*
Meaney, T. J.
Menz, P. G., *Inst.M.E.*
Michener, C. T., *Asst.P.M.E.*
Miller, R. H., *Assoc.P.C.E.*
Morehouse, J. S., *P.M.E.&DeanEngr.*
Murphy, W. J., *Inst.M.E.*
Slavin, W. A., *Assoc.P.E.E.*
Tu, P.-S., *Inst.M.E.*
Unnewehr, L. E., *P.E.E.*
Vrana, J. J., *Assoc.P.M.E.*
Walton, J. N., *Inst.M.E.*
White, R. E., *P.&P.Ch.E.*

Washington

Kraus, W. A., George Washington Hotel

Washington and Jefferson College

Hawk, M. C., *Asst.P.Math.*

Wayne

Mansky, C. B., *Prop.E.*, Burroughs Corp.

Wilkes-Barre

Bucknell University Junior College

Hall, V. B., *Chm.Phys.&E.*

Pennsylvania State University Center

Bendick, S. A., *Asst.P.*
Bierly, G. W., *Asst.P.Eng.Adm.Hd.*
Kolesar, J., *Inst.*
Petscavage, M. J., *Inst.Gen.Exten.*

Wilkes College

Hall, V. B., *P.&Hd.Physics&Eng.*

Wilkinsburg

Lamble, J. S., *Ret.*, 1303 Singer Place
Moore, G. E., *Mgr.Grad.Stud.Tng.*, Westinghouse

Wyomissing

Wyomissing Center, Penn State University

Altenderfer, H. D., *Inst.Engr.*
Stoudt, T. G., *Adm.Head*

York

Wagner, G. B., *Specl.Adv.Eng.*, General Electric Co.

Pennsylvania State College Center

Elias, E. M., *Admin.HeadofEduc.*
Hogan, R. J., *M.E.*
Horn, T. R., *Inst.*
Seacrist, G. K., *Instr.Engl.Comp.*

Borg-Warner Corporation

Brillinger, C. J., *Dir.Train.&Edu.*

RHODE ISLAND

Davisville

Brown, W. A., *C.E.*, U. S. Naval Battallion Center

Kingston

University of Rhode Island

Bachelder, A. C., *Asst.P.M.E.*
Bender, H. A., *P.Math.*
Bradbury, D., *P.&H.M.E.*
Campbell, H., *P.&H.C.E.*
Cashman, R. D., *Dir.Place.*
Clarke, C. B., *Assoc.P.C.E.*
Crawford, T. S., *Dn.,Dir.Engr.Res.*
Cummings, M. H., *Assoc.P.Math.*
Dawson, C. H., *P.&Hd.E.E.*
DeLuise, F. J., *Asst.P.M.E.*
Ferrante, W. R., *Asst.P.M.E.*
Goodwin, E. B., *Assoc.P.E.E.*
Grove, J. F., *Assoc.P.E.E.*
Haggerty, G. B., *Assoc.P.Math.*
Hagist, W. M., *Assoc.P.M.E.*
Hatch, J. P., *Assoc.P.M.E.*
Lavelle, F. H., *Assoc.P.C.E.*
Madsen, N., *Assoc.P.Ch.E.*
McConnell, R. K., *Asst.P.Math.*
Moultrop, K., *Assoc.P.C.E.*
Parker, J., *Assoc.P.M.E.*
Pease, E. M. J., *P.&Hd.Math.*
Rubinsky, S., *Assoc.P.M.E.*
Schock, E. I., *Assoc.P.M.E.*
Shilling, G. D., *Assoc.P.Ch.E.*
Stauffer, J. R. K., *Assoc.P.Math.*
Stockard, R. H., *Dir.Place,Pub.Relns.*
Stuart, H. F., *Assoc.P.M.E.*
Test, F. L., *Assoc.P.M.E.*
Thompson, A. R., *P.&H.Ch.E.*
Votta, F., *Asst.P.Ch.E.*

Providence

C. A. Maguire

Paulson, F. H., *Part.&Mgr.,Cons.Engr.*
Pierce, F. C., *Foundation Engr.*

Brown University

Anderson, G. F. *Res.Assoc.inEng.*
Angulo, C. M., *Assoc.P.E.*
Bennett, A. A., *P.Math.&San.E.*
Berard, S. J., *P.Emer.M.E.*
Bliss, Z. R., *P.E.*

Bodner, S. R., *Asst.P.Engr.*
Duffy, J. W., *Asst.P.E.*
Drucker, D. C., *Chmn.Div.Engg.*
Findley, W. N., *P.Engr.*
Haythornthwaite, R. M., *Asst.P.E.*
Kenerson, W. H., *P.Emer.M.E.*
Kistler, P. N., *P.M.E.*
Lerner, S., *Asst.P.C.E.*
Maeder, P. F., *P.E.*
Sogin, H. H., *Asst.P.E.*
Symonds, P. S., *P.E.*
Tompkins, F. N., *P.E.E.*

Roger Williams Junior College

Manzo, J., *Inst.*
Verrecchia, T. A., *Inst.Engr.*

SOUTH CAROLINA

Charleston

Kennedy, J. J., *C.Engr.*, District Pub. Works Office, Sixth Naval District

The Citadel

Anderson, W., *P.&H.Phy.Dept.*
Causey, M. L., Jr., *Asst.P.C.E.*
Donnelly, H. I., *Inst.C.E.*
Himelright, L. K., *P.&Hd.C.E.*
Hutto, G. J., *Assoc.P.C.E.*
Key, J. C., *Asst.P.C.E.*
Le Tellier, L. S., *DeanEmer.E.*
Mellard, R. E., *Asst.P.C.E.*
Moore, L. S., Jr., *Inst.C.E.*
Myers, J. C., *Asst.P.C.E.*
Osterkamp, H. A., *Inst.C.E.*
Razor, C. T., *H.E.E.*
Rutland, J. L., *Asst.P.C.E.*
Seabrook, E. M., Jr., *Inst.C.E.*

Clemson

Clemson Agricultural College

Adams, L. C., *P.E.E.*
Ball, W. L., *Assoc.P.E.E.*
Banister, R. A., *Assoc.P.Dr.&Des.*
Bradbury, D. W., *Assoc.P.Dr.&Des.*
Byards, E. F., *Mechs.*
Byars, E. F., *Assoc.P.E.Mech.*
Carter, C. W., *Asst.P.Dr.&Des.*
Clarke, E. L., *H.Emer.C.E.*
Cook, J. C., Jr., *Hd.M.E.*
Couch, J. H., *Assoc.P.Ind.Eng.*
Creager, P. S.
Edwards, J. L., *P.M.E.*
Earle, S. B., *DeanEmer.*
Fernow, B. E., *P.M.E.*
Glenn, H. E., *Dir.Plan.*
Goodin, C. P., *Assoc.P.E.E.*
Hammond, A. F., *Asst.P.Dr.&Des.*
Hudson, W. G., *Asst.P.M.E.*
Hunter, H. L., *Dean*
Hunter, J. H., *Assoc.P.C.E.*
Lewis, A. D., *P.M.E.*
Littlejohn, C. E., *P.&Hd.Chem.E.*
Lowry, W. L., Jr., *P.&Hd.C.E.*
McHugh, C. M., *Assoc.P.Draw.&Des.*
Meenaghan, G. F., *Assoc.P.Ch.E.*
Moorman, R. W., *P.&Act.Hd.Engr.Mechs.*
Newton, A. F., *Inst.Ind.Eng.*
Nowack, R. F., *Assoc.P.Eng.Mech.*
Perry, R. L., *Assoc.P.M.E.*
Poe, H. V., *Assoc.P.E.E.*
Rausch, K. W., *P.M.E.*
Rhodes, S. R., *P.Emer.&H.E.E.*
Sams, J. H., *DeanE.&P.M.E.*
Snell, A. W., *H.Agr.E.*
Thurston, J. N., *P.&Hd.E.E.*
Trively, I. A., *P.C.E.*
Uldrick, J. P., *Asst.P.Engr.Mechs.*
Von Kaenel, J. C., *Asst.P.Mach.Des.*

Columbia

University of South Carolina

Anderson, W. L., *Asst.P.C.E.*
Baker, B. L., *P.&Chm.Ch.E.*
Barre, L. G., *Asst.P.*
Fellers, R. G., *P.&Chm.E.E.*
Flinsch, H., *P.C.E.*
Foltz, L. S., *P.E.E.*
Lindau, J. W., *P.M.E.*
McRight, R. B., *Adj.P.E.E.*
Moseley, S. T., *Assoc.P.E.E.*
Noland, J. H., Jr., *Assoc.P.&Chm.E.E.*
Sumwalt, R. L., *Act.Pres.*
Wilson, T. H., *Assoc.P.Ch.E.*
Woodward, E. C., *Assoc.P.M.E.*

Hilton Head

Branch, W. H., *Retired*

SOUTH DAKOTA

Brookings

South Dakota State College

Amidon, L. L., *P.M.E.*
Andersen, J. R., *Asst.P.C.E.*
Anderson, R. D., *Assoc.P.&Hd.E.Shops*
Appleton, G. R., *Instr.M.E.*
Cheadle, J. N., *P.E.E.*
Crothers, H. M., *DeanEmer.*
Delong, H. H., *P.Agr.E.*
Engebretson, H., *Assoc.P.Math.*
Essler, W. O., *Asst.P.E.E.*
Froslie, H. M., *P.Phys.*
Gamble, W. H., *P.&H.E.E.*
Hinkle, C. N., *Assoc.P.Agr.E.*
Johnson, E. E., *P.&H.C.E.*
Koepsell, P. L., *Assoc.P.C.E.*
Lindley, K. E., *P.E.E.*
Ma, B. M., *Assoc.P.M.E.*
Manning, M. L., *Dean*
Moe, D. L., *P&Hd.Ag.E.*
Puncochar, R. P., *Inst.M.E.*
Rittershaus, F. J., *Asst.C.E.*
Sandfort, J. F., *Hd.M.E.*
Skubic, L. G., *Assoc.P.M.E.*
Storry, J. O., *P.E.E.*
Ulmer, J. W., *Inst.M.E.*
Vandrey, C., *Asst.P.C.E.*
Veal, D. L., *Inst.C.E.*
Wiersma, J. L., *P.Agr.E.*
Zoerb, G. C., *Assoc.P.Agr.E.*

Rapid City

South Dakota School of Mines & Technology

Anderson, P. H., *P.&Hd.Met.*
Boyd, L. E., *Asst.P.Engl.*
Clark, E. E., *P.E.E.*
Cope, J. H., *Assoc.P.M.E.&Dir.E.&Min.Exp. Sta.*
Cox, C. W., *Asst.P.E.E.*
Dake, E. D., *P.C.E.*
Doutt, R. E., *Assoc.P.Math.*
Grimm, C. A., *Asst.P.Math.*
Harbison, C. L., *Inst.Math.*
Heckman, R. F., *P.&Hd.Ch.E.*
Hixson, W. A., *P.&Hd.E.E.*
Jacobson, G. L., *P.San.E.*
Karsten, A., *P.Ch.E.;Dir.Res.*
March, G. E., *P.Math.*
McHugh, A. E., *Assoc.P.Met.*
Osterhof, G. G., *PhysicalChem.;Gen.Chem.*
Palmerton, L. R., *DeanStud.&P.Psych.*
Partlo, F. L., *President*
Sandvig, R. L., *Assoc.P.Ch.E.*
Stafford, P. M., *P.&Hd.Gen.E.*
Stensaas, E. R., *P.&H.M.E.*
Swanson, E. L., *Assoc.P.Math.*
Thorson, D. A., *Assoc.P.C.E.*
Tullis, E. L., *P.&Chm.Geol.*

Vermillion

Bedwell, T. H., *Assoc.P.Phys.*, State University of South Dakota

TENNESSEE

Bristol

Smith, B., Jr., *Hd.Prod.Eng.*
Smith, Buford, *Chf.Engr.*, Raytheon Mfg. Co.

Chattanooga

Kampmeler, R. A., *Asst.Mgr.Power*, TVA
Parry, S. R., V. Pres. and Gen. Mgr., Combustions Engr. Superheater, Inc.

Baylor School

Barks, H. B., *Hd.*
Heywood, H. B., *Bus.Mgr.*

Cookeville

Tennessee Polytechnic Institute

Brown, J. S., *P.&H.M.E.*
Bullington, J. A., *Inst.C.E.*
Craun, H. D., *Assoc.P.E.E.*
Duke, A. L., *Asst.P.E.E.*
Dunckel, R. L., *Asst.P.G.E.*
Glisson, C. O., *Asst.P.M.E.*
Henderson, J. M., *Dir.Eng.*
Kinslow, R., *P.&Hd.G.E.*
Mattson, D. W., *P.&H.C.E.*
Mock, C. O., *Assoc.P.G.E.*
Philpot, C. P., *Hd.E.E.*
Prescott, W. S., *P.C.E.*
Williams, D. D., *Inst.G.E.*
Williams, M. R., *Assoc.P.M.E.*

Henderson

Freed Hardman College

Rolan, H. C., *Inst.Math.&Sci.*

Kingsport

Gift, W. E., *Supt.Pers.*, Tennessee Eastman Corp.

Knoxville

Waterhouse, L. J., V. & E. Mft. Co.

University of Tennessee

Aikin, H. B., *P.C.E.*
Ambrose, H. H., *Assoc.P.C.E.*
Bailey, J. F., *P.&Hd.M.E.*
Batchellor, H. B., *Assoc.P.M.E.*
Boarts, R. M., *P.&Hd.Ch.&Met.E.*
Boling, R. W., *Asst.P.I.E.*
Bullock, R. E., *Asst.P.C.E.*
Carlson, A. M., *Inst.Ch.E.*
Cromwell, P. C., *P.&H.E.E.*
Dougherty, N. W., *DeanEmer.Eng.*
Doulet, D. C., *Asst.P.Ind.E.*
Emerson, H. P., *P.&H.Ind.E.*
Fabian, F. S., *P.&Hd.C.E.*
Goodwin, W. A., *Res.Engr.*, Tennessee Highway Research Program
Granger, A. T., *DeanEng.;P.C.E.*
Harms, W. O., *Assoc.P.Met.E.*
Henson, J. O., *Lec.C.E.*
Hodges, J. C., *P.Engl.*
Johnson, H. F., *P.Ch.E.*
Jury, S. H., *Asst.P.Ch.E.*
LaForge, R. M., *P.I.E.*
Larson, F. C., *Assoc.P.C.E.*
Lasater, C. C., *Asst.P.M.E.*
Leffell, W. O., *Assoc.P.E.E.*
Loveless, H. L., *Asst.P.Ind.E.*
Lundy, T. S., *Inst.Eng.Dr.*
Maxwell, R. L., *Assoc.P.M.E.*
McClelland, F. M., *Inst.E.E.*
McMaster, R. K., *Inst.Eng.Dr.*
Mysinger, E. D., *Inst.C.E.*
Newton, C. A., *Assoc.P.Dr.*
Pasqua, P. F., *P.&Hd.Nucl.E.*
Peebles, F. N., *Assoc.P.Ch.E.*
Prados, J. W., *Asst.P.Chem.E.*
Price, J. T., *Asst.P.C.E.*
Scull, H. M., *Assoc.P.E.E.*
Shelton, E. G., *P.C.E.*
Shipley, E. D., *Assoc.P.E.E.*
Shobe, L. R., *P.E.Mech.*
Shreve, E. C., *Assoc.P.C.E.*
Stair, W. K., *Assoc.P.M.E.*
Stansbury, E. E., *P.Met.E.*
Thomas, W., *Asst.toDeanEng.*
Tillman, J. D., *Assoc.P.E.E.*
Trumbull, R. G., *Eng.Dr.*
Tucker, J. M., *P.M.E.*
Walker, C. R., *P.C.E.*
Whitehurst, E. A., *Assoc.Dir.Eng.Exp.Sta.&Dir.Tenn.HighwayRes.Prog.*
Wilson, C. C., *Inst.M.E.*
Wood, A. B., *Asst.Dn.;P.&Hd.E.Dr.*
Xiques, R. J., *Inst.Eng.Dr.*

Lewisburg

Hehner, L. A., *Mgr.Adv.&SalesServ.*, Venus Pen & Pencil Corp.

Lookout Mountain

Giles, E. S., 410 E. & W. Rd.

Martin

Univ. of Tenn. Junior College

Jones, J. O., *Hd.E.&Math.*

Memphis

Harrison, J. B., *VicePres.*, Rotary Lift Co.

Christian Brothers College

Molski, J. M., Brother, *Inst.Tech.Dr.*

Keegan Technical Institute

Keegan, F. J., *Dir.*
Marsh, W. H., *Dean*
Neece, L. T., *Dir.Commun.Engr.*

Nashville

Duke, E., *Manuf.Rep.*,V.&E.Manuf.Co.
Hutchison, A. W., *Partner*, Brush, Hutchison. & Gwinn. Arch. & Engrs.
Parsons, J. A., Jr., *Chmn.Engr.*, Tennessee Arts and Industrial State University

Vanderbilt University

Acker, S. H., *P.&Hd.M.E.*
Bayer, B. M., *P.M.E.*
Bourne, R. D., *Asst.P.E.E.*
DeVilbiss, C. F., *C.E.*
Dicker, P. E., *Assoc.P.E.E.*
Glenn, W. D., *P.C.E.*
Graham, W. W., *P.&H.Appl.Math.*
Hendrickson, J. R., *P.Appl.Mech.*
Jacobs, J. D., *Exec.Dir.Div.Research&Develop.*
Lagemann, R. T., *P.&H.Dept.Phys.*
Lewis, F. J., *Dean&P.C.E.*
Litkenhous, E. E., *P.&Hd.Ch.E.*
Lundberg, G. H., *P.Appl.Math.*
Pearsall, S. H., *Asst.P.E.E.*
Rowan, W. H., *P.C.E.*
Schealer, S. R., *P.&Hd.E.E.Emer.*
Schumann, F., *P.&Hd.E.E.*
Stiles, R. B., *Assoc.P.Appl.Math.*
Threadgill, W. D., *P.Ch.E.*
Wilson, J. R., Jr., *Inst.E.E.*
Wright, W. F., *Assoc.P.M.E.*

New Johnsonville

McRight, R. B., *Mech.Engr.,TestLab.* TVA Steam Plant

Oak Ridge

Oak Ridge Nuclear Institute

Bobb, J. M., *Asst.ChiefLabr.*
Grigorieff, W. W., *Ch.Univ.Relations*
Stanek, F. J., *Sr.Res.Engr.,Appl.Mech.*

Oak Ridge School of Reactor Technology
Hamilton, D. C., Jr., *Lect.Eng.*
Napp, F. P., *Adm.Asst.Dir.*
Smith, C. O., *Lect.React.Mgt.*
VonderLage, F. C., *Dir.*

Union Carbide Nuclear Company
Montillon, G. H., *ProcessDevel.Engr.*

Tullahoma

Bailey, J. F., *Rep.Grad.School,* R.C.A.
Young, R. L., *Assoc.P.M.E.,* A.E.C.D., U. Tenn.

ARO, Inc.
Latvala, E. K., *Supr.*
Ralph, J. R., *Mgr.Tr.*
Underwood, R. H., *Engr.*
Wild, J. M., *Dir.Engr.*

TEXAS

Amarillo

Cushing, R. F., *Director,* Training Analysis & Development, Air Force Base

Amarillo College
DeVaney, A. F., *P.Engr.&Math.*
McCuan, M. G., *P.&Chr.E.&Math.*

Arlington

Arlington State College
Backs, N. E., *Inst.Eng.*
Bell, J. A., *Assoc.P.Eng.*
Calcote, L. R., *Assoc.P.Engr.*
Clegg, C. E., Jr., *Inst.Eng.*
Crenshaw, C. W., *Asst.P.Eng.*
Eller, C. H., *Asst.P.E.Eng.Dr.*
Hopper, J. S., *Dean*
Lawrence, H. A., *Instr.Engr.Gr.*
Mitchell, D. R., *Inst.Engr.*
Smith, G. E., *Hd.Eng.*
Whiteside, O. R., *Inst.Eng.*
Woolf, J. R., *Dn.*
Zabcik, C. L., *Inst.Eng.Draw.*

Austin

Abbott, J. P., *Prog.Examiner,* Tex. Commission on Higher Educ.
Svensen, C. L., *Tech.Writer,* 905 W. 29th St.

St. Edward's University
Curran, Bro. H. M., *Assoc.P.E.*

University of Texas
Amstead, B. H., *Assoc.P.M.E.;Exec.Asst. Dean Eng.*
Bacon, R. A., *Asst.P.M.E.*
Baker, M. R., *Inst.E.Draw.*
Barclay, L., *Assoc.P.C.E.*
Begeman, M. L., *P.M.E.*
Brown, H. E., *Assoc.P.M.E.*
Brown, O. G., *Inst.M.E.*
Bruns, J. L., *Lect.Draw.*
Bucknall, E. H., *Vis.P.M.E.*
Carter, W. J., *Assoc.P.M.E.*
Chance, C. W., *Asst.P.Dr.*
Coffeen, H. L., *Asst.P.Arch.Eng.*
Colby, M. Y., *P.&Ch.Phys.*
Cory, A. M., *Assoc.P.Engl.;Tech.Rep.Editor,MITPhys.Res.Lab.*
Cunningham, W. A., *P.Ch.E.*
Dawson, R. F., *P.C.E.&Dir.Res.*
Dornberger, W. W., *P.Arch.E.*
Doughtie, V. L., *P.&Chem.M.E.*
Eckhardt, C. J., *P.M.E.*
Ferguson, P. M., *P.&Chm.C.E.*
Finch, S. P., *P.C.E.Emeritus*
Focht, J. A., *Asst.Dean&P.C.E.*
Gafford, B. N., *P.&Chm.E.E.*
Guy, W. T., Jr., *Assoc.P.Math.&Astron.*
Hagerty, W. W., *Dean*
Hartwig, W. H., *Asst.P.E.E.*
Helwig, W. F., *Assoc.P.E.E.*
Johnson, F. B., *Asst.P.Arch.E.*
Kobe, K. A., *P.Ch.E.*
Kreisle, L. F., *Assoc.P.M.E.*
Lamont, N., *Asst.P.Pet.Eng.*
Lenhart, J., *Assoc.P.Dr.*
Masch, F. D., Jr., *Inst.C.E.*
Matlock, H., *Assoc.P.C.E.*
McFarland, J. D., *P.&Chr.Dr.*
McGuire, N. C., *Assoc.P.Dr.*
McKetta, J. J., Jr., *P.Chem.Eng.*
McLaurin, B., *P.Eng.Mech.*
Morgan, C. W., *Asst.P.C.E.*
Moore, W. L., *P.C.E.*
Plass, H. J., *Assoc.P.Eng.Mech.*
Pollard, J. J., *P.Arch.Eng.*
Power, H. H., *P.Petr.E.*
Reese, L. C., *Assoc.P.C.E.*
Roebuck, I. F., Jr., *Asst.P.Pet.Eng.*
Rowe, C. E., *P.Draw.*
Rundell, H. A., *Asst.P.M.E.*
Scanlan, J. A., *Assoc.P.M.E.*
Short, B. E., *P.M.E.*
Shutts, W. H., *Asst.P.Aero.Eng.*
Spriegel, W. R., *P.Mgt.*
Staph, H. E., *Asst.P.M.E.*
Steel, E. W., *P.C.E.*
Steyer, C, C., *Asst.P.E.Mech.*
Stone, R. L., *P.&Chm.Ceramic E.*
Stratton, A. W., *P.E.E.;Dir.Res.*
Thompson, J. N., *P.C.E.&Dir.BaleonesRes. Center*
Thompson, M. J., *P.&Chm.Aero.E.*
Toprac, A. A., *Assoc.P.C.E.*
Treat, B. F., *Assoc.P.M.E.*
Turpin, R. D., *Assoc.P.C.E.*
Van Winkle, M., *P.&Ch.E.*
Wagner, E. J., *Assoc.P.E.E.*
Walter, J. A., *Assoc.P.Engl.&Tech.Reports Ed.*
Watt, J. R., *Assoc.P.M.E.*
Weiss, E. J., *Assoc.P.Cer.E.*
Woolrich, W. R., *Consult.Dn.*

Beaumont

Lamar State College of Technology
Andrews, R. V., *DeanEng.*
Archer, O. B., *V.P.&Dean*
Cherry, L. B., *P.&Hd.E.E.*
Crum, F. M., *P.E.E.*
Henderson, W. G., *Assoc.P.C.E.*
Henry, B. R., *Assoc.P.Eng.Draw.*
McAllister, R. A., *Ch.E.*
Meier, F. A., *Inst.I.E.*
Schoeller, W. C., *P.C.E.*
Thomas, F. A., *P.&Hd.M.E.*
Tims, G. B., Jr., *P.&Hd.I.E.*

College Station

A. & M. College of Texas
Andrew, E. H., Jr., *Assoc.P.E.E.*
Baty, J. B., *P.C.E.*
Benson, F. J., *Vice-Dir.Eng.Exp.Sta.&Ext. Off.Trans.Inst.*
Bolton, F. C., *Pres.Emer.*
Burgess, A. R., *Hd.I.E.*
Caddess, J. H., *Assoc.P.M.E.*
Calhoun, J. C., Jr., *V.P.Engr.*
Covan, J. P., *P.I.E.*
Crawford, C. W., *Assoc.Dn.*
Davey, R. H., Jr., *Asst.P.E.Dr.*
Denison, J. S., *Assoc.P.E.E.*
DeVilbiss, C. F., *Assoc.P.C.E.*
Dillingham, H. C., *P.E.E.*
Fletcher, R. H., *Asst.P.M.E.*
Gallaway, R. M., *Asst.P.C.E.*
German, J. P., *P.E.E.*
Gibbs, R. H., *Assoc.P.M.E.*
Hallmark, G. D., *P.&Hd.E.E.*
Hardaway, B. A., *Assoc.P.E.Dr.*
Haupt, L. M., *P.E.E.*
Holcomb, R. M., *P.C.E.*
Holdredge, E. S., *Assoc.P.M.E.*

Holland, C. D., *Assoc.P.Chem.E.*
Hughes, M. C., *P.&H.E.E.*
Jones, F. R., *P.&H.Ag.E.*
Kent, J. T., *Assoc.P.Math.*
Klipple, E. C., *P.Math.*
Lindsay, J. D., *P.&H.Ch.E.*
Lynch, H. E., *Inst.C.E.*
Lynch, S. A., *P.&H.Geol.*
Mason, P. M., *Assoc.P.E.Dr.*
McGarrah, J. E., *Asst.P.E.Dwg.*
McGuire, J. G., *P.Dr.Asst.toDean*
Moore, B. C., *Assoc.P.Math.*
Mullins, B. F. K., *P.Eng.Dr.*
Nedderman, W. H., *P.C.E.*
O'Bannon, L. S., *P.M.E.*
Oliver, J. P., *Assoc.P.Dr.*
Orr, J. A., *P.C.E.*
Peurifoy, R. L., *P.C.E.*
Poage, S. T., *Inst.I.E.*
Potter, J. G., *P.&H.Phys.*
Ransdell, C. H., *Asst.toDean*
Reel, M. F., *Inst.E.E.*
Rode, N. F., *P.E.E.*
Rose, A., *Dir.*
Segner, E. P., Jr., *Asst.P.C.E.*
Silvey, O. W., *P.Emer.Phys.*
Simmang, C. M., *Hd.M.E.*
Smith, E. G., *P.Phys.*
Smith, R. L., Jr., *Asst.P.E.E.*
Stark, L. E., *Assoc.P.E.Dr.*
St. John, J. E., *P.Arch.*
Street, W. E., *P.&H.Draw.*
Thompson, J. G. H., *P.M.E.*
Ward, R. P., *P.E.E.*
Weaver, P., *P.Geol.*
Whiting, R. L., *P.&Hd.Pet.Eng.*
Worley, W. P., *Instr.E.Engr.*
Wright, S. R., *P.&H.C.E.*
Wykes, S. A., *P.I.E.*

Corpus Christie

Aikle, C. A., *Chem.E.*, Technological Pontiac Corp.

Dallas

Green, C. H., *Bd.Chm.*, Geophysical Service, Inc.
Roebuck, I. F., Jr., *Pet.Engr.*, Core Labs., Inc.
Vick, A. T., *Engr.*, George B. Allan & Co.

Chance Vought Aircraft

Armstrong, B. J., *Eng.StafAnalyst*
Besio, C. A., *Supervisor,Engr.Per.*
Cobb, P. B., *Col.Rel.Repr.*
Helstrom, H. A., Jr., *ChiefofEngr.Admin.*
Hill, W. D., Jr., *Coord.Co-opProg.E. Person.*
Sibila, A. I., *Chf.Aero.Engr.*
Stiff, R. S., *Col.Rel.Repr.*
Wood, H. A., *Supv.*

Southern Methodist University

Baker, H. C., *Inst.E.E.*
Bartel, H. H., *Asst.P.C.E.*
Blum, H. A., *Assoc.P.M.E.*
Dean, T. S., *Inst.M.E.*
Doyle, L. E., *Asst.Coord.Coop.*
Ebbs, R. E., Jr., *Asst.P.I.E.*
Flath, E. H., *Dean*
Graff, W. J., Jr., *P.&Chmn.M.E.*
Griffith, J. W., *Assoc.P.Ind.E.*
Harkey, J. W., *Asst.P.&Coordinator*
Helzer, K. W., *Asst.P.E.E.*
Koepsel, W. W.
Matson, R. M., *Dir.Sched.&Admiss.Eng.*
Murphy, R. S., *Inst.C.E.*
Plumb, W. W., *Asst.P.Ind.E.*
Sale, C. M., *Asst.P.M.E.*
Santry, I. W., *P.C.E.*
Savage, J. A., *Asst.P.E.E.*
Schmaling, G. P., *Asst.Coord.Engr.*
Schoeller, W. C., *P.C.E.*
Shumaker, C. H., *Chrm.I.E.*
Smith, C. H., *Assoc.P.C.E.*
Tatum, F. W., *P.&Chm.E.E.*
Thompson, S., *P.&Chm.C.E.*
Tippitt, F. W., *Asst.P.Ind.E.*

Texas Trade School

Brown, H. C., *Pres.*

Denton

Medlin, J. W., 1107 Bolivar St.

Edinburg

Pan American College

deVries, L. S., *Asst.P.Engr.*
Youngman, L. A., *Assoc.P.Phys.Engr.*

El Paso

Holcomb, D. E., *Dir.Res.*, El Paso Natural Gas Co.

Texas Western College

Brinker, R. C., *P.C.E*
Coleman, R. M., *P.Eng.*
Decker, F. A., *P.&Chm.E.E.*
Ducoff, W., *Inst.Eng.*
Thomas, E. M., *DeanMines&E.*
Vanzant, H. C., *Asst.P.Eng.*

Fort Worth

Hockaday, O. S., *Dir.Pers.Rel.*, Texas Elec. Serv. Co.
Osteen, D. N., Jr., 8352 Tucson Trail

Convair

Cooper, C. W., *Engr. Pers. Rep.*
Samson, C. H., Jr., *Proj.Aero.Engr.*

Garland

Fuller, W. D., *Chf.Engr.*, Varo Mfg. Co., Inc.

Houston

Arnold, I., *VicePr.*, Quintana Pet. Corp.
Corrigan, G. L., *Res.Engr.*
Dickinson, R. K., *Proj.Anal.*, Texas Eastern Transmission Corp.
Noble, W. B., *VicePres.Engr.*, Reed Roller Bit Co.
James, F. L., *Dir.Safety*, Tellepsen Const. Co.
Pease, S. L., *Mgr.TechTr.*, Shell Development Co.
Post, J., *Mgr.Indus.Rel.*, Continental Oil Co.
Ragland, D., *ChiefPet.Eng.*, Humble Oil & Refin. Co.
Spence, D. W., *Engr.,Ind.Instr.Div.*, Tex. Instruments, Inc.

Hughes Tool Co.

Berleth, F. H., *Dir.Eng.Train.Pn.*
Little, F. H., *Dev.Engr.*
Whitworth, B. J., *Gen.Supv.Prod.Eng.*

Rice Institute

Backus, K. D., *Inst.E.Dr.*
Bonner, T. W., *Chmn.&P.Phy.*
Chapman, A. J., *Asst.P.M.E.*
Duck, H. B., Jr., *Inst.M.E.*
Hartsook, A. J., *P.&H.Ch.E.*
Holt, E. C., Jr., *Asst.P.C.E.*
Houston, W. V., *President*
McDonald, A. P., *Chm.Eng.Dr.*
McEnany, M. V., *Assoc.P.E.E.&Registrar*
Ryon, L. B., *P.&Emer.C.E.*
Sims, J. R., *P.C.E.*
Thibodeaux, M. H., *Inst.C.E.*
Waters, J. S., *P.&Chm.E.E.*
Wischmeyer, C. R., *Assoc.P.E.E.*
Wyatt, E. M., *Inst.Dr.,Emer.*

University of Houston

Adams, R. M., *Assoc.P.Ind.E.*
Bonar, A. J., *Assoc.P.C.E.*
Bond, R. E., *Asst.P.Dr.*
Castellanos, L. J., *P.M.E.*
Crump, J. R., *P.&Chrm.Ch.E.*
Dossat, R. J., *Asst.P.Refr.&Air Cond.*
Elrod, J. T., *P.&Chm.I.E.*
Fitzhugh, P. M., *Chm.Electr.*
Fraser, B., *Inst.Gen.E.*
Gentry, C. B., *Admin.Asst.*
Hatfield, T. N., *Chmn.Physics*
Hoff, J. E., *P.&Chm.C.E.*
James, F. L., *P.I.E.*
Kirkpatrick, C. V., *Chm.E.Pet.*
Kittinger, W. T., *Asst.P.E.E.*
Leach, W. J., *Ad.Asst.toDean*
Luce, E. S., *Asst.P.Electr.Tech.*
Masser, C. L., *Inst.&Chr.Elec.*
McCallick, H. E., *Assoc.Dean.*
McKay, G. C., *Sr.Inst.Electr.*
Purnell, W. B., *Assoc.P.C.E.*
Rasmussen, A. A., *Chrmn.M.E.*
Russell, L. L., *Dir.Place.&FieldRel.*
Sims, A. R., *Dean*
Stotts, O. O., *Inst.E.*
Stoughton, B. C., *Assoc.P.I.E.*
Tiller, F. M., *DeanEng.*
Vogt, C. A., *Lec.M.E.*
Whitaker, T. N., *P.E.E.*
White, A. H., *Assoc.P.C.E.*
Whittington, H. K., *Prof.DieselEngr.*
Wilson, H. C., *Hd.Radio*

Kerrville

Schreiner Institute

Hammond, T. M., *H.Eng.&Phys.;Deanof Stud.*

Kilgore

Kilgore College

Canterbury, S. L., *Dean*
Pollick, H. J., *Inst.Eng.*

Kingsville

College of Arts and Industries

Dotterweich, F. H., *Dir.Eng*
Guinn, J. R., Jr., *P.&Chm.E.E.*
Hilbrich, A. P., *Inst.E.*
Korges, E., *P.Eng.*
Mooney, C .V., *Assoc.P.Eng.*
Murphy, C. E., *Inst.E.*
Treptow, P. W., Jr., *Inst.Eng.*
Truitt, M. M., *Asst.P.E.*

Lubbock

Texas Technological College

Adams, O. V., *P.C.E.Emer.*
Atkinson, M. B., *Assoc.P.Ind.E.&E.Dr.*
Bradford, J. R., *DeanEng.;P.Ch.E.*
Bullen, C. V., *P.&H.E.E.*
Davenport, M. E., *Inst.M.E.*
Ducker, W. L., *P.Pet.E.*
Dudek, R. A., *P.&Hd.I.E.*
Graham, L. M., Jr., *Inst.I.E.&Engr.Draw.*
Helmers, D. J., *Asst.P.M.E.;Supv.Power Lab.*
Houston, C. E., *P.E.E.*
Jenkins, J. A., *Dir.Place.*
Jones, E. N., *Prs.*
Kiesling, E. W., *Inst.C.E.*
Lawrence, J. H., Jr., *Inst.M.E.*
Marmion, K. R., *Asst.P.C.E.*
Martin, R. E., *Asst.P.M.E.*
Miles, M. A., *Asst.P.Engl.;Admin.Asst. Grad.Scl.*
Murdough, J. H., *P.&H.C.E.*
Newell, R. L., *Prof.M.E.*
Perryman, C. C., *P.I.E.&Dr.*
Powers, L. J., *P.&Hd.M.E.*
St. Clair, O. A., *P.I.E.&Asst.DeanEng.*
Spuhler, H. A., *Assoc.P.E.E.*
Stenis, T. B., *Assoc.P.E.E.*
Swinson, W. F., *Inst.M.E.*
Williams, I. L., *P.&H.Agr.Eng.*

Odessa

Vaught, N. R., *P.E.Dwg.*, Odessa College

Pampa

Vail, R. P., *VicePres.*, Cabot Engrg. Co.

Pasadena

Lowe, G. B., *Drain.Engr.*

Prairie View

Prairie View A. & M. College

Burrell, M. Q., Jr., *Inst.M.E.*
Francis, L. V., *Inst.E.*
Graham, F. M., *Hd.C.E.*
Kelly, G. E., Jr., *Inst.E.E.*
Wilson, C. L., *DeanE.*

San Antonio

Abramson, H. N., *Eng.Mech.*, Southwest Research Institute
Donnell, P. S., *Hd.Spec.Studies*, City Water Bd.

South West Research Institute

Wah, T., *Sr.Res.Engr.*

San Antonio College

Gibson, J. O., Jr., *Inst.Nv.Div.*

Stephenville

Tarleton State College

Doremus, H. C., *Dir.Eng.*
Howell, E. J., *Pres.*

Texarkana

Hall, C. E., *HeadEngr.*, Texarkana College

Texas City

Ashmore, R. D., *Admin.Asst.,Res.*

Uvalde

Howett, M. V., *H.Math.&Eng.*, Southwest Jr. College

UTAH

Logan

Utah State University

Clark, C., *P.E.E.*
Cole, L. S., *P.&H.E.E.*
Embry, B. L., *P.E.E.*
Fitch, W. C., *P.&Hd.M.E.*
Frietzsche, A. H., *Asst.P.Engl.*
Kepner, H. R., *P.C.E.*
Kiefer, F. W., Jr., *Asst.P.C.E.*
Loveless, A. G., *Assoc.P.&H.E.Dr.*
Milligan, C. H., *Hd.C.E.*
Peterson, D. F., *Dn.&P.Engr.*
Preator, F., *P.&Hd.Dept.ToolEngr.*
Rich, E., *Assoc.P.C.E.*
Roberts, J., *P.&Chm.Agr.E.*
Sullenberger, R. A., *Inst.ToolEngr.*
Watkins, B. O., *Assoc.P.E.E.*
Watkins, R. K., *Assoc.P.C.E.*

Ogden

Weber College

Atkins, J. W., *Inst.E.*
Stevenson, M. L., *Chm.Math.&Phy.Sci.*

Provo

Brigham Young University

Bartholomew, D., *P.E.E.*
Baxter, L. K., *Assoc.P.&Chm.M.E.*
Brown, B., *Assoc.P.Chem.E.*
Cannon, J. N., *Asst.P.M.E.Sc.*
Chaston, A. N., *Inst.E.E.*
Fuhriman, D. K., *P.&Chm.C.E.*
Gardner, C. N., *Inst.M.E.*
Hodson, H., *Ch.,C.E.Sci.*
Humpherys, D. S., *Inst.E.E.*
Jonsson, J. J., *Ch.,E.E.*
Linebarger, R. N., *Inst.C.E.*
Monson, D. J., *Asst.P.E.E.Sci.*
Rollins, R. L., *P.C.E.*
Simonsen, J. M., *Assoc.P.E.Sci.*

Salt Lake City

Adams, T. C., 242 S. 12th St. E.

University of Utah

Atwood, K. W., Jr., *Asst.P.E.E.*
Bailey, N. P., *P.M.E.*
Baker, R. D., *Hd.M.E.*
Borg, G. K., *P.&Hd.C.E.*
Christiansen, E. B., *P.&H.Ch.E.*
Clyde, C. G., *Asst.P.C.E.*
Hammond, S. B., *Asst.P.E.E.*
Harris, L. D., *H.E.E.*
Kistler, S. S., *Dean*
Lewis, J. R., *Head,Met.Dept.*
Linford, P. D., *Assoc.P.C.E.*
Mayhew, D. J., *Inst.M.E.*
Ryan, N. W., *Assoc.P.Ch.Eng.*
Wylie, C. R., *P.&H.Math.*

VERMONT

Burlington

University of Vermont

Bullard, J. A., *P.Emer.Math.&Mech.*
Carpenter, H. J., *Asst.P.M.E.*
Duchacek, H., *Assoc.P.Mech.Eng.*
Eckels, A. R., *P.&Chm.E.E.*
Fay, D. P., *Assoc.P.C.E.*
Hollman, C. W., *Assoc.P.E.E.*
Knight, S. C., Jr., *Asst.P.C.E.*
Marshall, G. A., *Assoc.P.M.E.*
McKee, E. R., *Dean*
Milbank, R. V., *C.E.Dept.*
Outwater, J. O., *P.&Chm.M.E.*
Paquet, V. H., *Asst.P.M.E.*
Root, J. A., *Assoc.P.C.E.*
Shorey, L. F., *Assoc.P.E.E.*
Smith H. M., *PE.E.*
Tuthill, A. F., *Assoc.P.M.E.*

Northfield

Norwich University

Baker, P. D., *P.&Hd.Chem.*
Beckley, J. F., *Assoc.P.M.E.*
Burnham, G. H., *Assoc.P.Physics*
Dix, L. E., *P.Math.*
Dodge, H. L., *Chm.*, Cabot Fund *Pres. Emer.*
Douglas, C. J., *Assoc.P.C.E.*
Emerson, W. D., *Hd.Eng.Mgt.*
Lindner, H. E., *Asst.P.M.E.*
Luce, A. W., *P.&Hd.M.E.*
Mara, H. W., *P.Dr.&Math.*
Marsh, R. F., *Assoc.P.E.E.*
Maxfield, H. A., *P.&H.E.E.*
McIntire, S. H., *P.Physics*
Munger, E. L., *P.&Hd.C.E.*
Perry, L. E., *Dn.Acad.Inst.*
Pyper, G. R., *Asst.P.C.E.*
Race, E. A., *Assoc.P.Math.*
Renfrew, C. A., *Asst.P.M.E.*
Seal, P. M., *Assoc.P.E.E.*
Snader, D. L., *Hd.Emer.C.E.*
Webb, M. L., *Assoc.P.E.E.*

Shelburne

Stapleton, H. N., *Agr.E.*

VIRGINIA

Alexandria

Bogardus, R. K., *Ind.Engr.*, U. S. Dept. of Agric.
Peterson, E. J., 7 Woodmont Road

Arlington

Antzes, H. L., 1917 S. Quincy St.
Copeland, A., *C.E.*, 4458 S. First Pl.
Stewart, N., *StaffAdv.Engr.Educ.*, Navy Dept.

Blacksburg

Tooles, C. W., 1112 Kentwood Dr.

Virginia Polytechnic Institute

Barnes, G. C., *P.E.E.*
Byrne, S. H., *Asst.Dean,Eng.&Arch.*
Cain, J. L., *Dir.,Coop.Progress*
Castleman, J. R., *P.&H.Graphics*
Dent, J. B., *P.Graphics*
Eckel, J. F., *Hd.Met.E.Dept.*
Gordon, J. P., *Asst.P.E.E.*
Hatcher, T. W., *P.Math.*
Holland, C. T., *P.&Hd.Min.E.*
Holt, C. A., *P.E.E.*
Hopkins, M. H., Jr., *Asst.P.E.E.*
Hull, H. H., *Assoc.P.E.E.*
Hussey, R. A., *P.Ind.E.*
Jones, J. B., *P.&H.M.E.*
Lindsey, J. F., *Assoc.P.Ind.E.*
Lee, C., *P.E.E.*
Long, C. H., *P.M.E.*
Long, E. L., *Assoc.P.&H.Phil&Religion*
Manning, H. L., *P.&H.Ind.E.*
Morris, H. M., *Prof.&Hd.C.E.*
Murphy, N. F., *Res.P.Ch.E.*
Murray, W. A., *P.E.E.*
Norris, E. B., *DeanEmer.E.&Arch.*
O'Shaugnessy, L., *P.Mech.*
Pardue, L. A., *Vice-Pres.&Dir.Grad.School*
Pietta, D. H., *P.&H.App.Mech.*
Powley, G. R., *P.E.E.*
Rogers, G. L., *P.C.E.*
Sjogren, J. W., *Assoc.P.Agric.E.*
Skutt, H. R., *Asst.P.E.E.*
Swink, E. T., *Hd.Agr.E.*
Tess, P. J., *Asst.P.E.Graphics*
Thacker, H. R., *Inst.C.E.*
Trent, C. E., *P.M.E.*
Trent, H. F., *Asst.P.Grad.*
Tulock, J. L., *Asst.P.Eng.Dr.*
Vilbrandt, F. C., *P.Ch.E.*
Whittemore, J. W., *DeanE.&Arch.*
Wright, R. R., *P.E.E.*

Bluefield

Bluefield College

Glenn, G. R., *P.&Hd.Eng.*

Charlottesville

Ashenhurst, F. F., *Eng.Programmer,Dept. ofDefense*, Peppermill Farm
Crouse, W. H., *Editor-in-Chief*, McGraw-Hill Sci. & Eng.

Institute of Textile Technology

Hance, L. H., *President*

University of Virginia

Aylor, M. W., *Assoc.P.Eng.Math.*
Brown, F. L., *P.Phys.*
Catlin, A., *Asst.P.,E.E.*
Gaylord, C. N., *P.&Chm.C.E.*

Glidea, R. E. L., *P.C.E.*
Greaver, L., *Assoc.P.Draw.*
Harris, O. R., *Assoc.P.E.E.;Dir.Eng.Exp. Station*
Henderson, C., *P.Exp.Engr.*
Hubbard, R. M., *P.Ch.E.*
Jones, M. W., *Asst.P.E.E.*
Larew, H. G., *Assoc.P.C.E.*
Macconochie, A. F., *P.&Hd.M.E.*
May, J. E., *Assoc.P.&Chmn.Aero.Engr.*
Mittendorff, E. M., *Dir.Util.,Lec.M.E.*
Mochel, E. V., *Engr.Dwg.*
Morse, F. T., *Chm.M.E.*
Quarles, L. R., *DeanE.*
Roberts, J. M., *P.E.E.*
Ryan, P. H., *Asst.P.Eng.Math.*
Straub, A. L., *Lec.Hwy.E.*
Updike, O. L., *Assoc.P.Ch.E.*
Zuk, W., *Assoc.P.C.E.*

Falls Church

Sherman, W. R., *Sen.Eng.*, Melpar, Inc.

Fort Belvoir

Fort Belvoir Engineering School

Dudley, J. H., *Brig.Gen.*
Duffy, E. B. *Eng.*
Hickox, G. H., *Dir.Res.*
Howard, G. W., *Tech.Dir.*
Parsons, W. H., Jr., *Dir.ofInstr.*
Pickard, E. E., *Ed.Advsr.*
Strong, J. D., Col., *Dir.ofNon-Res.Instr.*
Wiseman, R. S., *ChiefRes.&PhotometricSec.*

Fort Eustis

DiRende, J. S., *Tech.Ch.,Sp.Proj.&Anal.*

Hampton

Hampton Institute

Livas, H. L., *Assoc.P.Arch.&Arch.E.*
Perry, I. B., *Assoc.P.&Chmn.E.Draw.*
Smith, V. M., *Dir.Tech.*

Lexington

Virginia Military Institute

Crim, D. M., *Asst.P.C.E.*
Dillard, H. N., *Head&Prof.English*
Dobyns, S. W., *Assoc.P.C.E.*
Hanes, J. C., *Bus.Exec.Officer*
Heflin, S. M., *P.&H.Phys.*
Jamison, J. S., Jr., *Dir.Engr.Tr.*
Mann, J. H. C., *P.Struc.E.*
Martin, J. L., *Inst.Math.*
Nichols, L. L., *Assoc.P.E.E.*
Purdie, K. S., *P.Math.*
Tate, B. D., *Inst.M.E.*
Taylor, A. C., Jr., *Assoc.P.Mech.&Dwg.*

Newport News

Newport News Ship & Drydock Co.

Lott, A. O., *Sr.Des.*, Atomic Power Dept.
Thomas, D. B., *Dean*, Apprentice School

Norfolk

William & Mary College

Webb, L. W., Jr., *Director*

Petersburg

Virginia State College

Davis, G. W., *Dir.*, The School of Industries

Richmond

Reynolds Metals Co.

Innes, P. C., *Per.Empl.Mgr.*
Pecsok, J. D., *Tech.Pers.Mgr.*

Virginia Polytechnic Institute Extension

Foster, C. A. B., *Mgr.P.E.*

Roanoke

Edwards, J. C., *Chf.Ind.Engr.*, Amer. Vis. Corp.
Lee, C. F., *Tech.Pers.,G.E.Co.*

Springfield

Cain, R. W., *Chf.Sci.&Tech.Occup.*, Bureau of Labor Statistics

Vienna

Cooke, N. M., Lt. Comdr. U.S.N., Route # 1

Warwick

Flipse, J. E., *Chmn. ResearchComm.*, Newport News Ship Building and Dry Dock Co., 145 Fairview Road.

Waynesboro

Cocke, R. P., Jr., *Spec.Serv.Engr.*
Rader, L. T., *Gen.Mgr.,Sp.Con.Dept.*, G.E.

WASHINGTON

Bellevue

Mitchell, W. I., 4741 119 S.E.

College Place

Walla Walla College

Cross, E. F., *Hd.,Engrg.Dept.*

Everett

Everett Junior College

Cassidy, J. F., *Inst.Engr.*
Fine, D. M., *Inst.Sci.*

Olympia

Mylroie, W. W., *Wash.St.Dept.ofHighways*

St. Martin's College

Cebula, R. S., *H.C.E.;DeanInst.*

Pullman

Washington State College

Almy, L. B., *P.C.E.*
Backus, D. A., *Instr.Agr.Engr.*
Barker, C. L., *P.Hyd.E.*
Barlow, H. W., *DirectorInst.ofTech.*
Bassett, D. L., *Asst.P.Agr.E.*
Beeston, J. M., *Asst.P.Met.*
Bender, D. L., *Inst.C.E.*
Betts, A. L., *P.&Chm.E.E.*
Brands, F. W., *Inst.E.E.*
Candee, F. W., *Assoc.P.M.E.*
Craine, L. B., *Assoc.Elec.Engr.Div.Ind.Res.*
Darlington, R. P., *Asst.P.Arch.Eng.*
Dunstan, G. H., *P.San.E.*
Duran, S. A., *P.Met.*
Englund, J. S., *Asst.P.M.E.*
Ericson, E. G., *Asst.P.C.E.*
Ford, C. Q., *Asst.P.M.E.*
Francis, L. L., *Assoc.P.M.E.*
Greenfield, E. W., *Dir.Indus.Res.*
Halleen, R. M., *Inst.M.E.*
Harbour, R. D., *Assoc.P.E.E.*
Jensen, M. C., *P.Agr.E.*
Kimbrell, J. T., *Assoc.P.M.E.*
Knox, R. F., *Asst.P.E.E.*
Liu, M., *Assoc.P.E.E.*
Masson, D. L., *Chm.Min.*
Moore, E. B., *P.&H.C.E.*
Nelson, R. H., *Asst.P.C.E.*
Osburn, O. E., *Assoc.P.E.E.*

Paré, E. G., *P.M.E.*
Rempel, P. J., *Coord.Gen.Ed.*
Roberson, J. A., *Asst.P.C.E.*
Seamans, D. A., *Asst.P.E.E.*
Sloan, R. D., *P.E.E.*
Smetana, J. A., *Asst.P.M.E.*
Sorensen, H. A., *P.M.E.*
Spielman, J. P., *DeanEng.&Min.Tech.*
Stern, H., *Assoc.P.Ch.E.*
Tinney, E. R., *Hd.Hydr.Res.Lab.*
Welch, F. W., *Asst.P.C.E.*

Richland

General Electric Co.

Burns, W. A., *Mgr.Pers.Div.*
Curtis, R. E., *Mgr.Pers.Devel.*
Galbraith, E. P., *Mang.,Tech.Pers.Placement,* Hanford Atomic Products Operation
Johnson, W. E., *Mgr.NucleonicsDivs.*
Marshall, T. G., *Tech.Pers.Serv.*
Mayer, H. C., Jr., *Admin.,Sch.Nucl.E.*
McCrocklin, A. J., Jr., *Eng.,* Hanford Div.
McLenegan, D. W., *Consult.Eng.*
Pilkey, O. H., *Mgr.Des.Eng.*
Roberts, D. S., *Mgr.Employ.Rel.*

Seattle

Alverson, R. C., 4541 E. 55th Street
Bliesner, G. H., *E.Eng.,* Pacific Car and Foundry Company
Gleason, J. G., 2344 Federal Avenue North
Henderson, D., 18361 Dayton Place
Ip, C. U.
Vopni, S. F., *Hd.Math&Science,* Edison Tech. Sch.

Boeing Airplane Co.

Armentrout, P. C., *En.Trng.Sup.*
Avery, J. H., *UnitChief*
Gaskell, R. E., *Hd.Math.Res.Lab.*
Hemenway, A. A., *Proj.Engr.*
Jahn, W. H., *Aero.Engr.,* Transport Div.
Johnston, T. J., *Sch.Rel.Supr.*
Little, S. M., *Employ.Admin.*
Milligan, M. W., *Res.Engr.*
Reinhart, W. A., *Res.Engr.,* Transport Div.
Sanders, J. C., *Prof.Pers.Adm.*
Smith, R. H., *Assoc.Res.Engr.,* Aerodynamics
Soderquist, A. A., *Asst.toDir.,PilotlessAircraft*
Wells, E. C., *V.P.Eng.*

Seattle University

Baldinger, E. J., *P.&Hd.C.E.*
Bliesner, G. H., *Lec.E.E.*
Giarola, A. J., *Inst.E.E.*
Kimbark, *DeanofEngr.*
Majors, H., Jr., *Hd.M.E.*
Robel, S. B., *Asst.P.M.E.*
Smedley, F. J., *Asst.P.&H.M.E.*
Viggers, R. F., *Assoc.P.M.E.*
Wood, F. P., *Assoc.P.E.E.*

University of Washington

Alexander, D. E., *Inst.G.E.*
Andersen, J. W., *Inst.M.E.*
Babb, A. L., *Assoc.P.Ch.E.*
Balise, P. L., *Assoc.P.M.E.*
Bartlett, F. G., *Assoc.P.G.E.*
Bergseth, F. R., *P.E.E.*
Boehmer, H., *Assoc.P.Gen.E.*
Bogan, R. H., *Assoc.P.C.E.*
Bonow, W. B., *Asst.P.Gen.E.*
Brown, R. Q., *P.Gen.E.*
Brien, F. B., *Assoc.P.Min.E.*
Campbell, R. H., Jr., *Asst.P.Ceramic Eng.*
Campbell, T. H., *P.C.E.*
Carlson, D. A., *Asst.P.C.E.*
Chalk, W. S., *Act.Inst.M.E.*
Chapman, S. W., *P.Hum.*
Chariton, N. G., *Inst.G.E.*
Childs, M. E., *Assoc.P.M.E.*
Chittenden, H. M., *Assoc.P.C.E.*
Clanton, J. R., *P.C.E.*
Cochran, L., B., *P.E.E.*
Colcord, J. E., Jr., *Assoc.P.C.E.*
Collier, I. L., *Asst.P.C.E.,Retired*
Collins, J. D., *Asst.P.Gen.E.*
Crain, R. W., Sr., *Assoc.P.M.E.*
Daniels, J., *P.Emer.MiningE.&Met.*
David, M. M., *Assoc.P.Ch.E.*
Day, E. E., *P.M.E.*
Dill, E. H., *Asst.P.Aero.E.*
Douglas, C. E., *Assoc.P.Gen.E.*
Dunn, W. L., *Asst.P.G.E.*
Eastman, A. V., *P.&Ex.Officer,E.E.*
Eastman, F. S., *P.Aero.E.*
Elliott, E. C., *Asst.P.Hum.-Soc.*
Ekse, M., *P.C.E.*
Farquharson, F. B., *Dir.,P.C.E.*
Finn, W. D., *C.E.*
Firey, J. C., *Assoc.P.M.E.*
Ford, P. W., *Inst.M.E.*
Frantilla, W. L., *Assoc.M.E.*
Fritz, D. C., *Inst.M.E.*
Ganzer, V. M., *P.Aero.E.*
Guidon, M., *Asst.P.M.E.*
Hall, A. V., *P.Hum.Soc.Emeritus*
Haller, M. E., *Assoc.P.Math.*
Hammer, V. B., *Asst.Gen.E.*
Hartz, B. J., *Asst.P.C.E.*
Heideger, W. J., *Asst.P.Ch.E.*
Hendrickson, H. M., *P.M.E.*
Hennes, R. G., *P.C.E.*
Hernley, K. P., *Inst.E.*
Higbee, J. A., *Hum.-Soc.*
Hoag, A. L., *Assoc.P.G.E.*
Hoard, G. L., *P.E.E.*
Hoke, W. M., *Inst.Gen.E.*
Holt, R. E., *Asst.P.M.E.*
Horwood, E. M., *Asst.P.C.E.*
Hudson, M. P., *Inst.G.E.*
Hunner, W. L., *Assist.P.Human.-Soc.*
Jensen, A., *P.Emer.Arch.E.*
Joppa, R. G., *Assoc.P.Aero.E.*
Kenny, L. D., *Inst.M.E.*
Kent, J. C., *Asst.P.C.E.*
Kieling, W. C., *Inst.M.E.*
Kimbark, E. W., *Dean*
Konicheck, D. H., *Asst.P.G.E.*
Lindblom, R. E., *P.E.E.*
Lloyd, R. H., *Asst.P.Met.Engr.*
Macartney, T. W., *Assoc.P.G.E.*
Martin, H. C., *P.&Chm.Aero.E.*
McCarthy, J. L., *P.Ch.E.*
McIntyre, H. J., *P.M.E.*
McMinn, B. T., *P.&H.M.E.*
McNeese, D. C., *Assoc.P.G.E.*
Meador, H. T., *Asst.P.M.E.*
Meese, R. H., *Assoc.P.C.E.*
Messer, R. E., *Assoc.P.G.E.*
Miller, A. L., *P.Mech.&Str.C.E.*
Miller, W. M., *AsstP.C.E.*
Mills, B. D., *P.M.E.*
Mittet, H. P., *Assoc.P.C.E.*
Moritz, H. K., *P.Hyds.*
Morrison, J. B., *Assoc.P.M.E.*
Moulton, R. W., *P.&Ex.OfficerCh.E.*
Mueller, E. E., *Assoc.P.Cer.E.*
Mueller, J. I., *P.Cer.E.*
Nelson, G. A., *Asst.P.G.E.*
Niesse, D. H., *M.E.*
Nordquist, W. B., *Assoc.P.M.E.*
Owens, B. W., *Assoc.P.M.E.*
Pifer, D. A., *P.MiningEngr.*
Polonis, D. H., *Assoc.P.Met.E.*
Rhodes, F. H., *P.C.E.*
Richey, E. P., *Asst.P.C.E.*
Robbins, F. D., *Assoc.P.E.E.*
Roberts, M., *DeanEmer.Min.E.*
Rowlands, T. M., *P.Gen.E.*
Sawhill, C. F., *Inst.M.E.*
Schaller, G. S., *P.M.E.*
Seabloom, R. W., *Asst.P.G.E.*
Sergev, S. I., *P.C.E.*
Shaffer, H. W., *Asst.P.G.E.*

Shouman, A. R., *Asst.P.M.E.*
Skeels, D. R., *Assoc.P.Hum.-Soc.*
Smith, G. S., *P.E.E.*
Snyder, W. A., *Assoc.P.M.E.*
Souther, J. W., *Asst.DeanEng.;Assoc.P. Hum.-Soc.Stud.*
Stern, P. H., *Inst.Gen.E.*
Strausser, H. S., Jr., *Assoc.P.C.E.*
Sylvester, R. O., *P.San.E.*
Thomas, J. P., *Inst.M.E.*
Turner, R. L., Jr., *Inst.E.E.*
Trimble, L. P., *Inst.Human.-Social*
Van Horn, R. B., *P.Hyd.Eng.&H.C.E.*
Vasarhelyi, D. D., *Assoc.P.C.E.*
Waibler, P. J., *Assoc.P.M.E.*
Warner, F. M., *P.EmeritusDr.*
Weikel, R. C., *Asst.P.Aero.E.*
Wessman, H. E., *Dean*
Wilcox, E. R., *P.&H.Gen.E.*
Zylstra, L. B., *Assoc.P.M.E.*

Spokane

Acock, G. W., *Hd.Engr.*, Whitworth College
Hodgson, R. H., W. 1403-12th St.
Sanks, R. L., West 2926 Walton

Gonzaga University

McGivern, J. G., *Dean*
Murphy, R. W., *Inst.M.E.*
Wu, C. Y., *Asst.P.M.E.*

Tacoma

Patnode, W. I., *Consult.*, 30 Country Club Dr.

WEST VIRGINIA

Bethany

Bethany College

Allen, J. S. V., *Hd.Physics*

Clarksburg

Bokenkamp, H. J., *Ind.Engr.*, Pittsburgh Plate Glass Co.

Huntington

Lawall, C. B., *Consultant*, 1012 West Virginia Bldg.

Marshall College

Shafer, B. R., *Inst.E.E.*
Stinson, S. T., *Assoc.P.&Asst.Hd.E.*

Montgomery

West Virginia Inst. of Tech.

Bruce, J. D., *Assoc.P.E.E.&Physics*
Clutter, E. S., *Asst.P.Engr.*
Groves, D. F., *Inst.Eng.Dr.*
Hall, M. E., *Assoc.P.E.*
Horsch, J. J.
Kirk, T., Jr., *Inst.Math.*
Propps, J. M., *Inst.E.*
Nelson, L. C., *Dir.Eng.*
Slaven, G. C., *Asst.P.Engr.*
Smith, W. B., *Asst.P.*
Stegman, G. K., *Asst.P.&Chm.Engr.Dr.*

Morgantown

West Virginia University

Albright, C. D., *Inst.Mech.*
Arents, C. A., *DeanEng.*
Armstrong, W. H., *Assoc.P.I.E.*
Baker, W. H., *P.C.E.*
Barbe, E. C., *Inst.E.E.*
Browning, S. C., *Inst.Mech.*
Burchinal, J. C., *Asst.P.C.E.*
Cather, C. H., *P.&H.Mech.*
Cather, H. M., *P.&H.M.E.*
Davis, R. P., *DeanEmer.*
Dubbe, E. C., *Asst.P.E.E.*
Fairbanks, H. V., *P.Met.Eng.*
Gencsoy, H. T., *Asst.P.M.E.*
Hamilton, J. F., *Assoc.P.M.E.*
Hnatiuk, B. T., *P.Aero.E.*
Jones, E. C., *P.&H.E.E.*
Jones, P. R., *Assoc.P.CeramicE.*
Koehler, W. A., *P.&H.Ch.E.&Dir.Eng.*
Mitchell, C. R., *Inst.C.E.*
Ownley, *Inst.E.E.*
Parmer, J. F., *Inst.M.E.*
Peterson, M. M., *Assoc.P.E.E.*
Plants, H. L., *Inst.Mech.*
Seibert, C. B., *P.E.E.*
Seltzer, L. Z., *P.&Hd.Aero.E.*
Shafer, R. E., *Hd.&P.Ind.E.*
Simons, H. P., *P.Ch.E.*
Slonneger, R. D., *Assoc.P.M.E.*
Smith, M. J., *P.E.E.*
Smith, N. S., Jr., *Inst.E.E.*
Speiden, H. W., *P.&H.C.E.*
Spindler, G. R., *P.&Dir.Em.*
Stewart, O. C., *Inst.M.E.*
Strait, J. M., *Assoc.P.M.E.*
Theophilus, R. H., *Assoc.P.E.E.*
Ulrich, B. H., Jr., *Assoc.P.Aero.E.*
Warner, Charles H., *Inst.M.E.*
Weaver, G. W., *Assoc.P.Mech.*
Worrell, D. T., *P.Mech.*

South Charleston

Crewe, G. P., Carbide & Carbon Chemicals Corp.

WISCONSIN

Appleton

Institute of Paper Chemistry

Thode, E. F., *Res.Assoc.*
Whitney, R. P., *Dean*

Fond du Lac

Doyle, R. E., *Res.Engr.*, Westinghouse Electric

Janesville

Green, W. P., *Dir.ofProductDev.*, Parker Pen Co.

Kenosha

Derks, R. J., *Ch.DesignEngr.*, Dynamatic Div., Eaton Mfg. Co.

La Crosse

Mead, H. W., *Pres.*, Mead and Hunt, Inc.
Moody, A. M. G., *Chf.Engr.Cen.Comp.*, Trane Co.
Krans, D. H., *Lab.Mgr.*, The Trane Co.

Madison

Ackerman, A. J., *Consult.Engr.*
Greiber, C. L., *StateDir.Voc.&AdultEd.*
Zoller, J. H., 619 N. Francis

University of Wisconsin

Altpeter, R. J., *P.Ch.E.*
Barry, M. R., *Inst.Dr.*
Benedict, R. R., *P.E.E.*
Carbon, M. W., *P.M.E.*
Clark, L. D., *P.Min.&Met.*
Clouser, W. S., *Asst.P.Mech.*
Collins, R. N., *Inst.M.E.*
Cottingham, W. S., *P.C.E.*
Crandall, L. W., *P.C.E.*
Davidson, B. M., *Asst.Dn.*
Doke, H. B., *Asst.P.Dr.*

Easton, A. H., *P.C.&Mech.Eng.*
Eckel, J. R., Jr., *Inst.E.E.*
Elliott, B. G., *P.M.E.*
Elmergreen, G. L., *Asst.P.E.E.*
El-Wakil, M. M., *Assoc.P.M.E.*
Fedell, R. L., *Inst.E.Mech.*
Feiereisen, W. J., *Asst.P.M.E.*
Fluck, P. G., *P.Mech.*
Fowler, R. W., *Assoc.P.M.E.*
Gilpin, C. A., *P.M.E.*
Greer, R. W., *Instr.E.E.*
Greenfield, L. B., *Asst.P.Engr.Exp.Sta.*
Greiner, R. A., *Asst.P.E.E.*
Griffith, F. O., Jr., *Assoc.P.Dr.&Des.Geom.*
Grogan, P. J., *P.M.E.&Ch.Ext.Eng.*
Harker, R. J., *P.M.E.*
Harman, C. M., *M.E.*
Hartman, D. P., *Res.Asst.Elect.Eng.*
Heine, R. W., *Asst.P.Met.E.*
Higgins, T. J., *P.E.E.*
Hill, R. F., *Inst.E.E.*
Hillis, L. F., *P.C.E.U.Exten.Div.*
Hougen, O. A., *P.Ch.E.*
Hsu, S. T., *Assoc.P.M.E.*
Jensen, D. E., *Inst.Dr.,Desc.Geom.*
Kallsen, H. A., *Asst.P.C.E.*
Keenan, J. A., III, *Teach.Asst.E.E.*
Koehler, G., *P.E.E.*
Kommers, J. B., *P.EmeritusMech.*
Kowalke, O. L., *P.Ch.E.Emer.*
Kubiak, H. J., *Asst.P.E.E.*
Lawler, J. P., *Univ.FellowC.E.*
Leidel, F. O., *Asst.P.Dr.*
Lenz, A. T., *P.C.E.*
Livermore, D. F., *Assoc.P.M.E.*
Mack, D. J., *P.M.&M.*
Mann, R. A., *Inst.Mech.*
Marks, J. A., *Engr.Plac.Dir.,Asst.P.Dwg.& Descrip.*
Marshall, W. R., Jr., *P.Ch.E.&Assoc.Dean Eng.*
Mikol, E. P., *Asst.P.M.E.*
Moy, W. A., *Asst.P.M.E.*
Myers, P. S., *Assoc.P.M.E.*
Nelson, D. W., *P.M.E.*
Nelson, R. R., *Asst.P.Min.&Met.*
Obert, E. F., *P.M.E.*
Orth, H. D., *P.Emer.Dr.*
Peterson, H. A., *P.&H.E.E.*
Pickett, G., *P.Mech.*
Pings, V. M., *Instr.Libr.*
Pollowski, L. B., *Proj.Assoc.,Eng.Exp.Stat.*
Price, J. R., *P.E.E.Emer.*
Rabins, M. J., *Instr.M.E.*
Rader, L. F., *P.C.E.*
Ragatz, R. A., *P.&H.Ch.E.*
Reitan, D. K., *Assoc.P.E.E.*
Rekoff, M. G., Jr., *Inst.E.E.*
Retherford, R. C., *P.E.E.*
Rideout, V. C., *P.E.E.*
Roark, R. J., *P.Mech.*
Rohlich, G. A., *P.C.E.*
Rosenthal, P. C., *Chm.Min.&Met.*
Saemann, J. C., Jr., *Assoc.P.Mech.*
Schaerff, W. W., *Instr.M.E.*
Scheibe, E. H., *P.E.E.*
Schmidt, F. W., *Inst.M.E.*
Schmitz, N. L., *Assoc.P.E.E.*
Schwebke, H. J., *Asst.P.Dr.&Desc.Geom.*
Schwehr, F. E., *Asst.P.Dr.&Desc.Geom.*
Sell, G. R., *Asst.P.M.E.*
Sherrer, R. E., *Asst.P.E.Mech.*
Shiels, K. G., *P.&Chmn.Draw.*
Skiles, J. J., *Assoc.P.E.E.*
Small, A. L., *Asst.P.C.E.*
Swift, W. B., *Assoc.P.E.E.*
Uyehara, O. A., *Assoc.P.M.E.*
Van Hagan, L. F., *P.&H.C.E.Em.*
Villemonte, J. R., *Assoc.P.C.E.*
Wagner, E. C., *P.C.E.*
Washa, G. W., *P.Mech.*
Watson, C. C., *P.Ch.E.*
Weber, J. C., *Assoc.P.E.E.*
Wendt, K. F., *Dean*
Wernecke, R. B., *Asst.P.M.E.*
Withey, M. O., *DeanEmeritus*
Vitovec, F. H., *Assoc.P.Min.&Met.*
Woodburn, J. G., *P.C.E.*
Worsencroft, R. R., *P.Dr.&Des.G.*
Young, W. C., *Asst.P.E.M.*
Zahn, J. J., *Instr.Mech.*

Milwaukee

Ellis, P. G., *Asst.toPres.*, Wis. Pub. Service Corp.
Jerde, R. S., *Col.Empl.Supv.*, Wis. Telephone Co.
Karlson, J. H., *Devel.Engr.*, Louis Allis Co.
Koerper, E. C., *Vice Pres.*, Koerper Engineering Assoc.
McKean, J. P., American Appraisal Co.
Rabby, J. W., 2532 N. Prospect Ave.
Schmitter, W. P., *V.Pres.,ChiefEngr.*, Falk Corp.
Weaver, R. H., *Dir.Ind.Rel.*, The Falk Corp.

A. O. Smith Corp.

Broughton, D. C., *Con.Eng.Mech.*

Allis Chalmers Mfg. Co.

Agthe, F. T., *Cons.Engr.,Process.,Staff Mem.*, Industries Group
Gammell, J., *Dir.Grad.Trng.*
Kececioglu, D. B., *Asst.Dir.M.E.*
Rawles, C. M., *Supervr.Grad.Recruitment*
Vogel, F. J., *Cons.Engr.*

Marquette University

Berry, W. B., *Inst.E.E.*
Bliss, W. D., *DeanEmer.Eng.*
Boeck, R. E., *P.C.E.*
Bonin, J. A., *Asst.Inst.E.E.E.*
Branovan, L., *Assoc.P.Math.*
Douglas, J. F., *P.Emer.E.E.*
Drinka, M. G., *Asst.P.M.E.*
Drought, A. B., *DeanEng.*
Froundfelker, R. E., *Asst.P.Math.*
Graham, J. D., *Asst.P.E.E.*
Harloff, R. E., *Asst.P.E.Mech.*
Herrmann, G. A., *Assoc.P.Chem.*
Herzberg, R. J., *Inst.Engr.Mechs.*
Hirthe, W. M., *Asst.P.M.E.*
Horgan, J. D., *Dir.E.E.*
Jansen, R. J., *Instr.M.E.*
Kennedy, M. L., *Inst.Math.*
Kipp, R. J., *Inst.C.E.*
Kolf, R. C., *Asst.P.C.E.*
Kuech, R. W., *Inst.C.E.*
Little, R. W., *Inst.Mech.*
Lonergan, J. J., *Inst.M.E.*
Mathers, L. J., Jr., *Asst.Inst.Mechs.*
McComas, S. T., *Asst.Inst.M.E.*
McKevitt, J., *Asst.P.C.E.*
Merrill, H. S., Jr., *Asst.Inst.E.E.*
Moeller, A. C., *Asst.P.E.E.*
Morris, E. P., *Asst.P.E.E.*
Mundel, M. E., *Mngt.*
Murphy, W. G., *Assoc.P.&Dir.Eng.Mech.*
Nania, A. J., *Inst.English*
Olson, O. N., *Dir.&P.C.E.*
Panlener, R. J., *Dir.Ind.Rel.*
Reichl, R. P., *Inst.M.E.*
Reitmeyer, W. L., *Asst.Inst.Mech.*
Riebeth, T. J., *Assoc.P.&Dir.E.Gr.*
Ritter, R. L., *Asst.P.Eng.Draw.*
Rueve, S. J., *Reg.Phil.*
Schiller, D. E., *Asst.P.Dr.&Mach.Des.*
Schoen, J. E., *P.M.E.*
Smith, R. J., *Assoc.P.&H.Mech.*
Spewachek, E. G., *Asst.P.Gen.E.*
Stowe, J. H., *Asst.P.Math.*
Sullo, R. L., *Asst.P.C.E.*
Szews, A. P., *Asst.Inst.E.E.*
Voith, R. J., *Asst.Inst.E.E.*
Weiter, E. J., *Asst.P.M.E.*
Zanoni, A. E., *Asst.Inst.Mech.*
Zielinski, P. B., *Asst.Inst.Mech.*

Milwaukee School of Engineering

Abbasi, A., *Inst.E.E.*
Bender, P. R., *Asst.P.Math.*
Brandt, D. A., *Asst.P.M.E.*
Carlson, A. W., *Assoc.P.E.E.*
Clements, T. E., *Assoc.P.Indus.Com.*
Deverse, J. L., *Asst.P.*
Fregetto, D. F., *Asst.P.English*
Gabriele, T. C., *Inst.E.E.*
Haertel, D. G., *Inst.E.E.*
Holmes, D. J., *Inst.Dr.*
Huiras, M. H., *Adm.Counselor*
Jones, A. P., *P.&H.Math.*
Kuech, R. W., *Inst.C.E.*
Kummer, K. F., *Chmn.M.E.*
Ladner, R. B., *Inst.E.E.*
Liu, Y. K., *Asst.P.M.E.*
Lofy, F. J., *Asst.P.E.E.*
Lyon, T. I., *Assoc.P.E.E.*
Meier, E. A., *Asst.P.M.E.*
Murphy, G. W., *Dir.Pub.Rel&Develop.*
Murphy, J. H., *P.&H.Law*
Neu, S. S., *Assoc.P.E.E.*
Paul, E. L., Jr., *Asst.P.Engr.Dr.*
Petty, E. E., *P.&Hd.E.Gr.*
Plehn, A. D., *Inst.E.E.*
Richards, G. R., *Chmn.Indus.Com.Dept.*
Schmidt, A. C., *Coord.*
Schwichtenberg, R. J., *Asst.P.Engl.-Hum.*
Symonik, E. F., *P.&H.English*
Ungrodt, R. J., *Dir.Tech.Inst.;Asst.Dn.*
Veerkamp, N. B., *P.&Chm.E.E.*
Werwath, H. D., *Inst.E.E.*
Werwath, H. M., *VicePres.&Treasurer*
Werwath, K. O., *Pres.*
Wey, R. H., *Inst.E.E.*
Winn, W. C., *Inst.E.E.*
Young, R. E., *Asst.toDeanofEngr.*

University of Wisconsin—Milwaukee

Christman, W. M., *Chmn.&Assoc.E.P.Dr.*
Elmergreen, G. L., *Asso.P.E.E.*
Knoblock, E. W., *Inst.Desc.Geom.*
Knutsen, H. W., *Asst.P.Mech.&M.E.*
Ratledge, E. T., *Inst.Eng.Dr.*
VanVleet, J. G., *Dir.Eng.&Exec.Off.Grad. School*
Wolff, M. J., *Inst.Eng.Draw.&Des.Geo.*

Racine

Kerr, H. H., *Instr.Engr.Dwg.*, University of Wisconsin Extension Center

Wausau

Burns, S. S., P. O. Box 223

WYOMING

Cheyenne

Gall, W. F., *ChiefTr.Methods*, Francis E. Warren A.F.B.

Laramie

University of Wyoming

Arnold, R. G., *Asst.P.C.E.&Arch.*
Beach, R. K., *P.E.E.*
Davis, H. P., *Assoc.P.M.E.*
Gose, R. V., *Asst.P.M.E.*
Hill, J. M., *Asst.P.C.E.*
Lamb, D. R., *Assoc.P.C.E.*
Lindahl, E. J., *P.&H.M.E.*
Long, F. M., *Inst.E.E.*
Long, V. O., *P.&H.E.E.*
Lonsdale, E. M., *P.E.E.*
McGaw, A. J., *Hd.C.E.&Arch.E.*
Morgan, N. D., *P.C.E.&Arch.E.*
Morgan, R. A., *P.&Hd.G.E.*
Mullens, G. B., *P.C.E.&Arch.E.*
Person, H. T., *Dean*
Smith, S. R., *P.Math.*
Spenner, F. J., *Assoc.P.E.E.*
Sutherland, R. L., *P.M.E.*

FOREIGN

AUSTRALIA

Adelaide

University of Adelaide

Morgan, J. P., *Assoc.P.Min.Eng.*

Melbourne

Melbourne Technical College

Chapman, H., *Hd.Ch.E.*

North Sydney, New South Wales

New South Wales University

Wood, J. F. D., *Assoc.P.M.E.*

Tasmania

University of Tasmania

Tuck, H. P., *Assoc.P.&H.E.E.*

BELGIUM

University of Brussels

Van, Ee. Poel, P., *P.Dean,FacultyofApplied Sci.*

BRAZIL

University of Brazil

Lima, P. R., *P.E.Dr.*

Rio de Janeiro

Rangel, F., *Director*, Campanha Nacional De Aperfeicoamento de Pessoal de Nível Superior

General Electric Co.

Pereira, Dulcidio

Salvador-Bahia

Escola Politecnica, University of Bahia

Simas, C. F. de, *Dir.C.E.*

São José dos Campos, São Paulo

Steinberg, S. S., *President*, Technological Inst. of Aeronautics

São Paulo

University of São Paulo

Cardoso, A. C., *Asst.P.E.E.*

BURMA

Insein

Van Wyck, P. S., *Sr.Adv.,Gov.Tech.Inst.*

Rangoon

Union of Burma Applied Research Institute

Beck, N. C., *Director-General*

University of Rangoon

Gyaw, B. A., *WorkshopSup.*

CANADA

Alberta

Calgary

McArthur, H. R., *Assoc.P.Appl.Mech.*, University of Alberta in Calgary.

Provincial Institute of Technology and Art

Kingsep, O., *ShopDir.*
Partin, W., *Hd.Elec.&Refrig.*
Saunders, W. A. B., *VicePrincipal*
Tomlison, M. J., *Hd.Dept.ofConst.*

Edmonton

Greiner, O. A., *Adm.Mgr.*, Canadian Chemical Co.

University of Alberta

Celis, A. J., *Asst.P.C.E.*
Hardy, R. M. *DeanEngr.*

British Columbia

Vancouver

University of British Columbia

de Jong, S. H., *Assoc.P.C.E.*
Gunning, H. C., *DeanAppliedSci.*
Moore, A. D., *Assoc.P.E.E.*
Richmond, W. O., *HeadM.E.*
Spence, R. A., *Asst.P.C.E.*

Association of Professional Engineers

Merchant, J. A., *Registrar*

West Vancouver

Hall, A. V., *P.Emer.Hum-Soc.Studies*, 6225 Nelson Ave.

New Brunswick

Fredericton

University of New Brunswick

Beattie, I. M., *Assoc.P.C.E.*
McLaughlin, R. H. B., *Assoc.P.C.E.*
Spinney, F. B., *Asst.P.M.Dept.*

Sackville

Mount Allison University

Binns, F., *Asst.P.E.Dr.Emeritus*

Newfoundland

Carew, S. J., *DeanofFacultyofAppliedScience*, Memorial University of Newfoundland
Nemec, A. O., *Asst.P.Engr.*

Nova Scotia

Antigonish

St. Francis Xavier University

Fogarty, W. P., *P.G.E.*

Halifax

Ryan, J. L., *DeanEngr.*, Saint Mary's University

Dalhousie University

Theakston, H. R., *H.Eng.*

Ontario

Ancaster

Emmerson, G. S., *Sr.Engr.*, Atomic Energy, Canadian Westinghouse

Chippawa

Norton Company

Fetterley, G. H., *Res.Dept.*

Guelph

Ontario Agricultural College

Bilanski, W. K., *Assoc.P.Eng.Sci.*
Downing, C. G. E., *P.&H.Agrs.E.*
Lee, J. B. A., *Asst.P.Eng.Sci.*
Morton, G. F., *Asst.P.Engr.Sci.*
Theakston, F. H., *P.C.E.*
Webb, E. G., *Asst.P.Agr.E.*

Hamilton

McMaster University

Hodgins, J. W., *Dn.Engr.*
Hoffman, T. W., *Asst.P.Chem.E.*
Huber, D. G., *Assoc.P.M.E.*

Niagara Falls

Greiner, O. A., *Asst.PlantMgr.*, N. A. Cyanamid Ltd.

Kingston

Engineering Institute of Canada

Grant, L. F., *Field Secy.*

Queen's University

Corlett, A. V., *P.&H.MiningEng.*
Jackson, A., *P.Emer.E.Dr.*
Stinson, W. G., *Asst.P.Eng.Dr.*
Styles, H. J., *P.&Hd.Dwg.*

Royal Military College

Sawyer, W. R., *ViceComm.&Dir.ofStudies; Hd.Chem.*

London

University of Western Ontario

Davis, W. H., *Lect.E.Sci.*
Foreman, J. E. K., *Assoc.P.Engr.Sc.*
Lauchland, L. S., *P.&HeadEngr.Science*
Poucher, M. P., *Asst.P.E.Sc.*

Ottawa

Bridge, D. E., *Tech.Tr.Spec.*, Dept. of Labour, Canadian Vocational Training
Galbraith, R. A. H., *Hd.E.E.*, Ottawa University
Ince, S., *Assoc.Res.Officer*, National Research Council
Ward, S. H., *Chem.Engr.*, The International Nickel Co.

Toronto

Deeks, S. H., *Exec.Dir.Indus.Foundtn.*

Canadian Institute of Science and Technology

Goddard, W. E., *V.P.*
Kerr, H. H., *Principal*

University of Toronto

Biringer, P. P., *Asst.P.E.E.*
Burke, P. E., *Lec.E.E.*
Courtice, H. A., *P.E.E.*
Dybczak, Z. W., *Lec.M.E.*
Friend, F. B., *Lec.Phys.*
Frizzle, H. R., *Asst.P.Engr.Dr.*
Ham, J. M., *Assoc.P.E.E.*
Haynes, B. J., *Lect.C.E.*
Hershfield, C., *Asst.P.C.E.*
Huber, D. G., *Asst.P.M.E.*
Hughes, P. B., *Asst.P.M.E.*
Jones, L. E., *Assoc.P.M.E.*
Kravetz, A. J., *Asst.P.E.E.*
Lord, G. R., *P.&H.M.E.*
Macklin, H. L., *Assoc.P.C.E.*
Marshall, O. J., *P.C.E.*
McIntosh, W. G., *P.M.E.*

McLaughlin, R. R., *DeanofFacultyofApp. Science&Eng.*
Morrison, C. F., *H.&P.C.E.*
Sinclair, G., *P.E.E.*
Seshu, S., *E.E.*
Slemon, G. R., *Assoc.P.E.E.*
Smith, I. W., *Assoc.P.M.E.*
Tracy, G. F., *P.E.E.*
Waines, R. T., *Asst.P.M.E.*
Wardell, A., *P.Dr.*
Wilson, W. S., *Asst.Dean&Sec.*
Wiren, R. C., *P.M.E.*
Yen, J. L., *Asst.P.E.E.*
Young, C. R., *DeanEmer.*

Walkerville

Mitchell, W. G., *Ch.Des.Engr.*, Dominion Steel & Coal Corp. Ltd.

Waterloo

Waterloo College

Barber, A. S., *Dir.Co-ord.*
Batke, T. L., *P.&Chm.Ch.E.*
Bond, R. D. C., *Ch.Engr.*
Emery, C. L., *Prin.Div.Appl.Sci.*
Lazier, M. J. C., *P.M.E.*
LeFeuvre, A. R., *Lect.M.E.*
Wright, D. T., *P&ChmnC.E.*

Windsor

Fletcher, H. R., *Lect.E.E.*, Essex College

Quebec

Montreal

Bordan, J., *Assoc.P.&Hd.Engr.*, Sir George Williams College

Ecole Polytechnique

Brouillet, I., *President*
Gaudefroy, H., *DeanofEng.*
Leclerc, A., *Assoc.P.Hydr.E.*
Lessard, R., *Assoc.P.Math.*
Provencher, M., *Asst.P.Elec.*

McGill University

Edis, A. R., *Assoc.P.M.E.*
Gauvin, W. H., *Assoc.P.Ch.E.*
Jamieson, R. E., *Dir.Plan.*
Joly, G. W., *Asst.Dn.Engr.*
Pavlasek, T. J. F., *Assoc.P.E.E.*
Phillips, J. B., *P.Ch.E.*
Putnaerglis, R., *Asst.P.M.E.*

Quebec

University Laval

Boulet, J. L., *Hd.E.E.*
Pouliot, A., *Dean,FacultyofScience*

St. Anne de Bellevue

MacDonald College, McGill University

Banting, E. A., *P.Agr.E.*
Cooper, J. H., *Assoc.P.Agr.E.*

St-Jean

College Militaire Royal de St-Jean

Roberge, D., *Inst.E.Dwg.*
Robichaud, E., *P.E.Dr.*

Saskatchewan

Saskatoon

University of Saskatchewan

Lovell, W. E., *P.E.E.*
Mantle, J. B., *P.&Hd.M.E.*

Winnipeg

Manitoba

University of Manitoba

MacDonald, A. E., *Dean;Arch.*

CHILE

Santiago

Universidad de Chile

Cordua, J., *P.&Chf.Electrotech.Lab.*
d'Etigny, E., *Dir.*

CHINA

Hainan Island

Pitkin Middle School

Sauer, F., *Inst.Sci.*

CUBA

Havana

University of Havana

Sterling, G. R., *Dean*

Universidad de Villanueva

Blanco, E. E., *P.E.Dwg.*

COLUMBIA

Cali

Leffel, R. E.

DENMARK

Copenhagen

Tekniske Hojskole

Engelund, A., *Rektor*

ENGLAND

Cambridge

Cambridge University

Baker, J. F., *P.Engr.*

Woolwich Poly.

Glover, L. E., *Lec.M.&C.E.*

Manchester

Fleming, A. P. M., *Director,Res&Ed.*, Met-Vickers Elec. Co.

Staand, London

Pattison, R., *Lect.Engr.*, University of London Kings College

FORMOSA

Taipei

Bourret, P. L., Rev., S.J.

FRANCE

Rhone

Capelle, J., *Rector*, National Des Sciences Appliques

Paris

Eyrolles, M., *Pres.DirecteurGénéral*, Ecole Speciale des Travaux Publics du Batiment et de l'Industrie

GERMANY

Leverkusen-Bayerwerk

Mierbner, H., Abteilungstand, Ing.-wiss. Abt.

GREECE

Athens

Stathopoulos, G. T., *Consult.Engr.*, 7 Asklipous St.

HAWAII

Honolulu

University of Hawaii
Avery, D. E., ***Asst.P.E.***
Corba. N. B., *Asst.P.Engr.*
Engman, C. A., *Assoc.P.Engr.*
Tinniswood, W. W., *Chairman Engr.*
Wachter, W. M., ***Chain.Dept.E.***

HOLLAND

Delft

Technische Hogesschool
Huydts, L. H. M., ***P.E.E.***
Unk, J. M., ***P.E.E.***

HONG KONG

Hong Kong Technical College
Sung, S., *Act.Hd.Eng.*

Hong Kong University
Wu, K. C., *M.E.*

INDIA

Bhopal

Madhya Pradesh
Das, S. K., *Joint Dir.Pub.Instr.*

Bangalore

Indian Institute of Science
Ramachandran, A., ***Asst.P.M.E.***

Bihar

Bihar Institute of Technology
Desphande, D. L., ***Principal***

Calcutta, West Bengal

Jadavpur University
Basu, A. K., *P.M.E.*
Sem, T., *Rector*

Chandigarh

Punjab Engineering College
Mintzer, O. W., ***P.HighwayEng.***

Coimbatore

P. S. G. & Sons' Charities College of Technology
Damodaran, G., ***Principal***

Kharagpur

Indian Institute of Technology
Nelson, P. H., ***P.E.E.***
Pearce, C. E., ***P.Mach.Des.***

New Delhi

Brainard, B. B., ***Mech.Engr.***

New Delhi

Soderberg, R. R., *Educ.AdviserTech-Educ.*, U. S. Foreign Aid Program

Roorkee

Thomason College of Engineering
Ahmad, Z. U., ***Asst.P.E.E.***

INDONESIA

Bandung

University of Indonesia
Oen, G. P., *ChiefLec.&Eng.*

IRAN

Abadan

Abadan Institute of Technology
Crosen, R. G., ***P.Chem.***
Groves, W. A., *Pres.*
Telfer, J. D., *Prof.Engr.;Hd.Dept.*

IRELAND

Dublin

Dooge, J. C. I., *CivilWorksDept.*
Drechsler, F. S., *Lecturer,M.E.*, University College

ISRAEL

Tel Aviv

Emerson, L. A., *P.Ind.E.*
Richman, E., U. S. Embassy

ITALY

Milan

Politechinco di Milano
Cassinis, G., ***Director***

Societta Edison
Frossi, Paolo, ***E.E.***

JAPAN

Ishikawa

Kanazawa University
Marita, K., ***Asst.P.Math.&Phys.***

Nagoya

Nagoya Institute of Technology
Shimizu, K., ***President***

Ohkamachi

Iijima, K., *P.E.E.*, Yokohama National University

Osaka

University of Osaka
Suita, Tokuo, ***P.E.E.***

Tokyo

Patrick, J. S., *Mang.Tech.Dept.*, Shell Co. of Japan

University of Tokyo
Koga, I., *Dn.,Fac.ofEngr.*
Oyama, M., ***P.Emer.E.E.***

KOREA

Weems, W. R., *Dir.Ind.Dev.Cent.*, Ofc. Econ. Coord.

LEBANON

Beirut

Saad, M. A., P.O. Box 2258
Parr, K. E., Tapline

American University of Beirut

Hope, E. S., *P.C.E*
Jones, E.E.R., *Gen.Engr.*
Weidner, C. K., *DeanFaculty*

MEXICO

Mexico City

Roldan-Gallardo, D., *Tech.Dir.*, Ind. Unidas of So. A.

Universidad de Mexico

Hope, P. H.

Instituto de Investigaciones Industriales

Elwes, E. M., *Coord.ofResearch*

Monterrey

Instituto Tecnologico de Monterrey

Ahuja, V. B., *Rector*
Amores, J. E, *Dir.Prep.School*
Camarena, E., *Dir.E.*
Carroll, P. L., *U.S.Visit.P.E.E.*

University of Nuevo Leon

GarzaTamex, F., *Dir.C.E.*
Treviño, R., *Rector*

NEW ZEALAND

Christchurch

Canterbury University College

Siemon, S. R., *P.Ch.E.*

Wellington

Stace, F. N., *Mng.Editor*, Tech. Publications, Ltd.

NETHERLANDS

The Hague

Boguslavsky, B. W., *Sr.C.E.*

Netherlands Antilles

Aruba

Opdyke, J. B., *Engr.*, Lago Oil & Transport Co. Ltd.

NORWAY

Andreasson, A. T., Vere (Lista)
Lyse, I. M., *P.C.E.,Div.ConcreteLab.*, Norway Institute of Technology

The Norwegian Engineering Society

Bassoe, B., *Sec.Gen.*

PAKISTAN

Dacca, East Pakistan

Rashid, A., *Hd.C.E.*, Ahsanullah Engineering College

Tejgaon, Dacca, East Pakistan

E. B. Polytechnic Institute

Islam, N. T., *Hd.M.E.*

Karachi, West Pakistan

Adams, H. P., *Proj.Dir.*, Ford Foundation
Brown, D. W., *Asst.FordConsult*, Hotel Metropole

Karachi Polytechnic Institute

Ali, M. S., *Inst.Mech.Dr.*

Lahore, West Pakistan

Kazi, A. M., *Asst.P.Mech.*, College of Engineering

PANAMA

McKay, J. B., *Prof.*, University of Panama

PHILIPPINE ISLANDS

Manila

Reyes, H. R.

National University

Leynes Corcuera, A. L., *P.Phys.*

University of the Philippines

Alejandrino, A. A., *Inst.Eng.Mech.*
Illo, D. I., *Asst.P.Mech.*

PERU

Lima

Escuela de Ingenierios

Morales, M. G., *Min.Eng.*

PUERTO RICO

Mayaguez

University of Puerto Rico

Acaron-O, F., *Asst.P.C.E.*
Bonilla, C. F., *Dir.NuclearCenter*
Boyce, D. S., *Lect.Agr.E.*
Calor, M. C., *P.C.E*
Colon, E. F., *Asst.P.&Hd.ofInd.E.*
Doria, O. P., *P.&Hd.E.E.*
Fiol, L. E., *Assoc.P.E.E.*
Folch, P. A., *P.Gen.E.*
Garrett, C. R., *Asst.P.&Hd.M.E.*
Golderos, A., *Asst.P.C.E.*
Gonzales-Mandry, F., *DeanEng.*
Hernandez-Lopez, W., *Asst.P.M.E.*
Javier, R. L., *Inst.G.E.*
Jeffrey, W., *Asst.P.M.E.*
Larson, G. J., *Asst.P.English*
Lugo, L. A., *Assoc.P.M.E.*
Marti-Marini H., *Dir.C.E.*
Marshall, D. H., *Dir.,Div.GeneralStudies*
Matilla, A., *P.C.E.*
Noguera, J. M., *Asst.P.G.E.*
Perez, A. A., *Inst.M.E.*
Perez Cordero, L. M., *Inst.Gen.E.*
Riccio, R. A., *Asst.P.Human.*
Rodriguez-Arias, J. H., *Assoc.P.&Hd.Ag.E.*
Sanchez, J. H., *P.&Hd.G.E.*
Santiago-Melendez, M., *Inst.G.E.*
Soler, A. C., *P.&Hd.C.E.*
Stefani, L., *Vice-Chancellor*
Varquez, A. W., *Asst.P.*
Velazquez, A. M., *Inst.M.E.*
Villafane, O., *Assoc.P.M.E.*
Wiewall, M., *Dean*

SAUDI ARABIA

Dhahran

Arabian American Oil Co.

Case, P. E., *StaffAdv.Train.Dept.*
Schrader, H., *Inst.Ind.Tr.*
Snyder, H. R., *Coor.Gen.&Ind.Educ.*
Thielhelm, H. W., *Supervisor,* Tech. Serv.,

Sudan

Khartown

University of Khartown

Hamide, H. I., *Engr.Fac.*

SWEDEN

Göteborg

Chalmers University of Technology

Hossjer, G., *P.Math.*

SWITZERLAND

Daxelhofer, J. P., *P.C.E.,* Ecole Polytechnique de L'Universite de Lausanne

Neuchâtel

Morier, H., Observatoire, 44

TURKEY

Ankara

McBeath, B. C., Serefli Sokak No. 10, Mebusevleri

Istanbul

Robert College

Hall, H. P., *DeanEng.*
Muhlhausen, E. K., *Asst.P.C.E.*
Tanyolac, N. N., *P.E.E.*

Zonguldak

Knipmeyer, C. C., *Consultant,* Paul Weir Co.

VENEZUELA

Caracas

Othmer, M. E., *P.Ch.E.,* Apartado 1506.

Maracaibo, Edo. Zulia

Universidad del Zulia

Barberli, E. E., *Dr.Sch.ofPetroleos*

Monagas

Kadala, R., *Sec.H.C.E.,* Creole Pet. Corp.

WEST INDIES

Dominican Republic

University of Santo Domingo

Thomen, J. A., *Prof.App.Mech.*

Occupational Distribution of Membership

ADMINISTRATORS—EDUCATIONAL

Adami, A. E., *Act. Pres.; Mining*
Adams, A. S., *President; A. C. E.*
Adams, H. P., *Dir.; Tech. Inst.*
Adams, M. D., *Asst. Dean; Tech. Inst.*
Adams, R. G., *Dn.; M. E.*
Adams, W. E., *Dir.; M. E.*
Ahuja, V. B., *President*
Akey, W. W., *Dir. Pers.*
Alexander, N., *Dean; Physics*
Alexander, W. T., *Dean; Industrial*
Allan, W., *Dean; Civil; Hyd.*
Allee, D. W., *Dean, Tech. Inst.*
Allen, R. B., *Asst. Dean; C. E., Struc.; Arch.*
Almstead, F. E., *Spec. Cons Ed. T.V.*
Amores, J. E., *Director Prep. School; Chem.*
Anderson, C. R., *Asst. Dean & Dir.; Struc.*
Andrews, R. V., *Dean Eng., Ch. E.*
Arader, H. F., *Proj. Dir.*
Archer, L. H., *Dean; Civil; Mech. & Mat.*
Archer, O. B., *Vice Pres. & Dean; Physics*
Arents, C. A., *Dean; Mach. Des.*
Armsby, H. H., *Chief Eng. Ed.; Civil*
Arnold, C. K., *Staff Asst. to Pres.; Engl.; Hum.*
Askounes, P. N., *Adm. Chm.; Dealer Coop. Train. Program*
Astle, M. J., *Actg. Dean Grad.; Chem.*
Attwood, S. S., *Dn. Engr.; E. E.*
Aubert, Bro. J., F.S.C., *Asst. Dean; Mech. & Mat.; Math.*
Auburn, N. P., *President*
Ayers, M. T., *Asst. Dean, Gen. E.; C. E.*
Ayres, Q. C., *Asst. to Pres.; Agricultural*
Baker, J. E., *Dean; Appl. Math.*
Baker, L. R., *Director, Graduate*
Baker, M., *Ex. Dir. Ky. Res. Fdn.; M. E.*
Baker, R. P., *Vice Pres. Emer.*
Baker, T. B., *Assoc. Dean; Pol. Sci.*
Balter, L. M., *Dir.*
Barber, A. S., *Dir. Co-ord.*
Barberil, E. E., *Dir. Pet.*
Barish, N. N., *Assoc. Dn.; Ind. E.*
Barks, H. B., *Headmaster; Chem. E.*
Barlow, H. W., *Dir. Inst. Tech.; Aero-Eng.*
Barnes, L. K., *Hd. Mech. E.; Civil*
Barten, K. S., *I. E.*
Barthel, C. E., Jr., *Asst. Dir.; Phys.; Elect.*
Bassoe, B., *Sec. Gen.*
Bateman, R. M., *Dir.; Tech. Inst.*
Battista, V. P., *Dir.; Arch.*
Baughman, G. H., Jr., *Coor. Coop. E. Mgr. Dev.*
Beach, S. H., *Dir. Place., Gen. Eng.*
Beamesderfer, J. W
Beatty, H. R., *Pres.; Tech. Inst.*
Bechtold, R. H., *Registrar; Coord. of Coop. Engr.*
Beck, N. C., *Dir.-Gen.*
Beckman, Bertha, *Adm. Asst.; Hum.-Soc.*
Behler, R. W., *Educ. Supr.; M. E.*
Beistline, E. H., *Dean; Geology; Metall.; Min.*
Beitler, S. R., *Dir. Pers. Budget; Mechanical*
Belknap, J. H., *Dean Emer.; Elec.*
Benson, F. J., *Vice-Dir. Eng. Exp. Sta. & Exe. Off. Tex. Trans. Inst.; Highway E.*
Berggren, W. P., *Dean; Mech. Eng.*
Berkner, L. V., *Pres.; Physics*
Bethel, L. L., *President; Hum.-Soc.*
Bewley, L. V., *Dean; Elec.*
Bierly, G. W., *Adm. Hd.; Tech. Inst.*
Billiet, W. E., *Coord.; Tech. Inst.*
Bintzer, H. R., *V. Pres.*
Blanchard, R. D., *Dir. Pub. Rel.; English*
Bliss, W. D., *Dean Emer.; Ch. E.*
Blodgett, H. B., *Dn.; C. E.*
Blum, V. J., *Dean; Geophysical Engr.*
Blumberg, L., *Coordinator; Mech. & E. E.*
Boardman, H. S., *Pres. Em.*
Boelter, L. M. K., *Dean; Chemical*
Bogard, B. T., *Dean; Thermo. & Power*
Boghosian, W. H., *Dir.; E. E.*
Bolton, F. C., *Pres. Emer.; Electrical*
Bolz, H., *Dean; Mech. Engr.; Mach. Des.*
Bordan, J., *Head Engr.*
Borgman, W. M., *Assoc. Dean; Math.*
Borgmann, C. W., *President; Chemical*
Bowman, H. L., *Dean; Civil.*
Bowman, John G., *President; Hon.*
Bowman, J. R., *Assoc. Dn.*
Boyce, J. C., *V. P.; Phys.*
Boyd, J. E., *Dir. Exp. Sta.; Physics*
Bradford, J. R., *Dean; Chem. E.; Nuclear E.*
Bradley, J. A., *Dean; Chem. Eng.*
Brainerd, J. G., *Dir.; E. E.*
Branigan, G. F., *Dean; Civil*
Brennan, C. W., *Asst. Dn.; I. E.*
Bridge, D. E., *Tech. Tr. Spec.*
Brierley, J. R., *Secy. Alumni Assn.; Chem. E.*
Bronwell, A. B., *President; Electronics*
Brookins, J. E., *Dn. Instr.; Tech. Inst.*
Brooks, H., *Dean. Physics*
Brooks, W. G., *Dean; I. E.*
Brothers, L. A., *Dn. Engr.*
Brouillet, I., *Pres.; Struc.*
Brown, C. A., *Adm. Asst.; Engl.*
Brown, D. W., *Field Dir.; Tech. Inst.*
Brown, E. I., *Asst. Dn.; C. E.*
Brown, H. C., *Pres.*
Bryant, L. Y., *Registrar; Tech. Inst.*
Bryant, P. T., *Asst. Ed.; Engl.*
Buchanan, J. E., *President; Civil*
Buchta, J. W., *Assoc. Dean; Physics*
Buffinger, Wm., *Pres.; E. E.*
Burdell, E. S., *President; Human.-Soc.*
Burden, H. P., *Dean; Civil; Sanitary*
Burger, Wm., *Dean; Hum.-Soc.*
Burke, T. A., *Dir. Eng.; E. E.*
Burke, W. C., *Dir. Place.; Econ.*
Burns, R. K., *Ed. Dir., Pers. Rel.*
Burroughs, F. D., *Educ. Dir.; Tech. Inst.*
Burroughs, K. L., *Dir.; Aeronautical*
Burroughs, R. E., *Dir. Res. Inst.; Phys.*
Bush, B. H., *Com. Naval Shipyard*
Butler, G. M., *Dean Emer.; Min. Tech.*
Byrne, J. E., *Vice Pres. & Gen. Mgr.*
Byrne, S. H., *Asst. Dean Eng. & Arch., Agr. E*
Cain, J. L., *Dir.*
Cain, R. W., *Chf. Sci. & Tech. Occup.*
Cairns, F. A., *Ind. Coord.*
Calhoun, J. C., Jr., *V. P. Engr.; Min. Tech.*
Camarena, E., *Director*
Campbell, A. S., *Dean—Thermo-Power*
Canterbury, S. L., *Dean*
Capp, M. P., *Chm. Engr.; C. E.*
Carew, S. J., *Dean of Faculty; G. E.*
Carlton, L. D., *Dean; Tech. Inst.*
Carmichael, W. L., *Registrar*
Carr, T. D., *Consultant*
Carroll, F. T., Jr., *Dir. U. Col.; I. E.*
Carroll, G. L., *Dean; Engl.; Tech. Inst.*
Carroll, P. L., *Spec. Asst. to Pres.; Power & Control*
Carroll, R. E., *Dir.*
Carson, G. B., *V. P. & Dir. Engr. Exp. Sta.*
Carson, R. G., Jr., *I. E.*
Carson, W. H., *Dean; Mech.*
Carver, L. A., *Director*
Cary, H. B., *Director; T. I.*
Case, L. N., *V. P.; Dn. Men; Struct. Des.*
Cason, F. L., *Coord. of Placement Mech.*
Cason, J. H., *Hd.; Chem.*
Cassinis, G., *Dir; Civil*
Cavanaugh, W. T. *Exec. Sec.*
Caveny, C. C., *Dean; E. E.*
Cebula, R. S., *Dean; Struc; Math.*
Cehrs, C. H., *Assoc. P. & Chm. E.*
Cenko, S., *Prod. Eng.*
Chamberlain, H. N., *Director; Personnel*
Chambers, C. C., *Vice Pres.; Elect. Comm.*
Chandiramani, A. B., *Educ. Attache, Tech. Inst.*
Chapman, H. M., *Dir. Gen. Stud.*
Cherry, C. E., *Chm. Eng.; Math.; Dr.*

Chetrick, M. H., *Dir. of Inst. of Indus. Res.; Ch. E.*
Choppesky, J. C., *Act. Dean, Regent*
Christensen, G. J., *Dean, English*
Churbuck, L. M., *Chm. Bd., Tech. Inst. & Adm. Aviation*
Clark, A. G., *Dean; Math.*
Clark, L. G., *Act. Dn; M. E.*
Clarke, R. G., *Chm. Eng. Div.; Chem.*
Cleeton, G. U., *Dean; Human-Social*
Clemmer, G. H., *Asst. Mgr.*
Clifford, L. E., *Chm. E.*
Cloke, P., *Dean Emer.; Electrical*
Clouse, J. H., *Dean Emeritus; M. E.*
Clower, J. I., *Asst. Dean; M. E.; Mach. Des.*
Coburn, T., *Univ. Rel; E. E.*
Colbert, J. P., *Dean, Civil*
Colby, M. Y., *Pers.; Physics*
Coleman, A. P., *Pres., Tech. Inst.*
Collar, B. E., *Engr. Examiner*
Colvert, W. W., *Dn. Ev. Div.; Phys.*
Combs, R. J., *Asst. Dir.*
Conner, C. L., *Asst. Dn.; E. E.*
Conner, N. W., *Director; Mechanical*
Contini, R., *Res. Coord. Aero.*
Cook, A. L., *Director, Ret.; Electrical*
Coombs, L. B., *Pres.; Chem.*
Cooper, N. T., *Registrar*
Coover, M. S., *Assoc. Dean, Elect. Engr.*
Cordua, J., *Chf. Electrotech. Lab.*
Cossa, J. A., *Dean Stu. Pers.*
Coventry, N. M., *Dean, General*
Cowing, G. R., *Pres. & Dir.; M. E.; I. E.*
Cox, R. M., *Ex. Vice Pres.*
Coyle, F. J., *Dir.*
Crawford, C. W., *Assoc. Dn.; M. E.*
Crawford, H. L., *Res. Director; Physics*
Crawford, J. H., *Dean; Math.*
Crawford, T. S., *Dean; Dir. Eng. Exp. Sta.; Chem.*
Creese, J., *President*
Croft, H. O., *Dean; Mechanical*
Cromwell, L., *Hd.; E. E.*
Cross, E. F., *Head Engrg.*
Crothers, H. M., *Dean Emer.; Elec.*
Cudworth, J. R., *Dean; Mineral Tech.*
Cummings, H. N., *Vice Pres. Emer.; Civil*
Cushing, R. F., *Dir.*
Cutts, C. E., *Mech. & Mat.; Structural C. E.*
Damodaran, G., *Principal*
Dangel, H. A., *Dir. Adm.; Math.*
Danner, E., *Dir.; Trans.; Construc.*
Das, S. K., *Officer in Charge*
David, W. J., *Dean*
Davidson, B. M., *Asst. Dn.*
Davis, H. E., *Dir. Trans. & Traffic*
Davis, J. D., Jr., *Act. Dean Elect.*
Davis, J. H., *Pres.; Thermo. & Power*
Davis, J. J., *Dir. of Educ.*
Davis, R. E., *Dir.; Civil*
Davis, R. P., *Dean Emer., Cons. Bridge E.*
Dawson, F. M., *Dean; Civil, Hydraulics*
Dawson, J. D., *Vice Pres. & Dean Stud.*
Deakins, C. E., *Dir.; Psych.*
Deeks, S. H., *Exec. Dir.*
Dees, B. C., *Dept. Asst. Dir.*
Dent, H. M., *Adm. Chrm.; Coord. Coop. Engr.*
Deshpande, D. L., *Principal*
d'Etigny, E., *Dir.*
Deyo, D. E., *Dean; Tech. Inst.*
Diefendorf A., *Dn.; C. E.*
Dimasi, L. A., *Dir.; Tech. Inst.*
DiRende, J. S., *Tech. Ch., Phys. Sc., Math.*
Disque, R. C., *Dean Emer. Electrical*
Distler, T. A., *Exec. Dir.*
Dixon, T. G., *P. & Chm. Ch. E.; Dir. Ind. Rel. Cent.*
Dobbins, C. L., *Asst. Dn.*
Dobbs, F. E., *Consultant*
Dodd, R. W., *Pres. Emer.; Tech. Inst.*
Dodge, H. L., *Pres. Em.; Physics*
Dohrenwend, C. O.
Doll, A. W., *Asst. Dean Physics*
Dolve, R. M., *Ret. Dean*
Donnell, P. S., *Hd. Div. of Spec. Studies; V. Pres. Emer.*
Donnellon, V. Rev., *J. A. Pres.*
Donovan, E. T., *Act. Dean*
Doolan, R. J., *Dir.*
Doremus, H. C., *Dir.; Civil*
Dotterweich, F. H., *Dir., Pet. & Nat. Gas*
Dougherty, N. W., *Dean Emer.; C. E.*
Downing, D. G., *Dean of Students and Admissions; Mechs. & Mat.*
Downing, L. K., *Dean; Civil, trans.*
Downing, R. H., *Dean*
Dresser, W. R., *Chm. Engr.*
Drought, A. B., *Dean; Elec.; Math.*
Drucker, D. C., *Chairman Mech. & Mat.*
Dudley, B., *Editor; Electrical*
Dudley, J. H., *Brig. Gen.; C. E.*
Dudley, S. W., *Dean; Mechanical*
Duggan, L. F., *Dean Students; Dir. Place.*
Duke, C. M., *Assoc. Dn.; C. E.*
Dunlop, J. A., *Registrar; Civil*
Dunn, C. A., *Exec. Dir. E. Res.*
Dunning, J. R., *Dean; Physics*
Durland, M. A., *Dean; Mach. Des.*
Dutton, D. W., *Director; Aero.; Struc.*
Earle, S. B., *Dean Emer.; Mech.; Engl.*
Earnest, G. B., *President; Civil*
Easton, E. C., *Dean; Electronics*
Eaton, M. E., *Head Eng.*
Ebaugh, P., *Asst. Dn. Res.; Phys.*
Eckberg, H. F., *Dir. of Engr.; Engr. Educ.*
Eckel, C. L., *Dean; Civil*
Eckert, C. A., *Dir.; G. E.*
Edgar, R. F., *Assoc. Dean; Chm. Admis.; C. E*
Edlund, C. F., *Dean*
Edward, Bro. L., *Phys.*
Elberfeld, J., *Dean*
Elconin, V., *Dn.; Math.; Phys.*
Elias, E. M., *Adm. Hd.; Tech. Inst.*
Elgin, J. C., *Dean; Chem. Eng.*
Ell, C. S., *President; Civil*
Ellingson, M., *Pres., Tech. Inst.*
Elliott, M. A., *Dir.; Gas Tech.*
Emberson, R. M., *Asst. to Pres.*
Eney, W. J., *Pers.; Civil*
Eng, S. A., *Area Supv.; Vet. Ed. Prog.*
Engelund, A., *Dir.; Struc.*
Engler, L. W., *Dean, Civil; Soil Mech.*
Englund, J. E.
Ernst, G. C., *Dir. Exper. Stat.; Struc. Mech.*
Ernst, R. C., *Dean; Res.*
Evans, H. S., *Dean Em.; Electrical*
Evans, T. H., *Dean; Civil*
Evans, W. S., *Dn.; C. E.; Struc.*
Everitt, W. L., *Dean; Electrical*
Ewell, R., *Vice Chancellor Res.*
Eyrolles, M., *Pres. Dir. Gen.*
Farquharson, F. B., *Dir. Eng. Exp. St. C. E.*
Fairman, R. N., *Dn.; E. E.*
Farquharson, K. J., *Asst. to Dir.*
Farris, M. E., *Dean; Mech.*
Fee, H. R., *Dir. Place.; Alumni Assoc.*
Feeney, E. J., *Dir.; Draw.*
Feiker, F. M., *Tech. Dir. Internatl. Tech. Asst.*
Feldman, M. J., *Coord.; Tech. Inst.*
Fellows, D. M., *Electronics. Tech. Inst.*
Fenn, F. H., *Dean; Mech.; Mat.; Civil*
Ferguson, O. J., *Dean Emer.; Elec.*
Fernandes, J. H., *Dir. Ev. Col.; M. E.*
Fetty, H., *Chm. Tech. Sci.; English*
Fibel, L. R., *Dn. Stud.; Tech. Inst.*
Filson, H. R., *Dir.; Tech. Inst.*
Finch, J. K., *Dean, Ret.; Civil*
Finch, R. B., *Asst. Dir. Res.; Mech. & Mat.*
Fischer, D. A., *Dean; Elec.*
Fischer, F. B., *Dir. Info. & Devel.*
Fisher, S. E., *P.-Asst. to Dean; Hd. Co-op. & Pl.*
Fitterer, G. R., *Dean; Metal.*
Flath, E. H., *Dean; Electrical Power*
Fleckenstein, E. L., *Dean Inst.*
Fogel, C. M., *Asst. Dean*
Folsom, R. G., *Pres.*
Foncannon, H. R., *Proj. Dir.*
Forrester, J. D., *Dean; Dir. Bureau Mines*
Forsman, M. E., *Dir. Eng. & Ind. Ex. Sta.*
Foster, C. L., *President; Tech. Inst.*
Foster, F. L., *Director*
Foster, J. E., *Pres., Text. & Eng.*
Frangipane, L. J., *Ind. Engr.; Mechs.*
Frasch, J. F., *Director*

Freeman, N. L., *Sec., Brd. of Ex.*
French, A. E., *Director; Tech. Inst.*
Freund, C. J., *Dean; Mechanical*
Galbraith, R. A., *Dean; Electrical*
Gale, A. R., *Dir.; Tech. Inst.*
Galvin, G. M., *Dir. Indus. Tech. Sch.*
Gatewood, B. E., *Research Coordinator*
Gaudefroy, H., *Dean; Math.*
Gentry, C. B., *Admin. Asst.*
Gerardi, J., *Asst. Dean; E. Dr.*
Gerde, C. S., *Asst. Chief Nav. Engr.; M. E.*
Gerhart, P. L., *Asst. to the Pres.; Elec.*
Gershon, J. J., *Dir. Resid. Instr.; Elec.*
Gertz, F. H., *Dean; Engl.*
Gevecker, V. A. C., *Asst. Dean; C. E.; Soil Mech.*
Gibbs, R. E., *Dean; Mechanical*
Gidley, P. T., *Pres.; Tech. Inst.*
Gilbert, M. L., *Chm. Prod. Serv.*
Glasgow, R. S., *Dean; Electrical*
Gleeson, G. W., *Dean; Chemical Eng.*
Glenn, C. J., *Exec. Asst. to Deans*
Glenn, G. R., *Hd. Eng.*
Glenn, H. E., *Dir. Pl.*
Glenn, W. H., *Asst. Coordinator; Math.*
Glennan, T. K., *President*
Goddard, W. E., *V. P.*
Goglia, M. J., *Dn. Engr.; M. E.; Thermo. & Pow.*
Goldstein, M., *Dean; E. E.; Elect.; Tech. Inst.*
Goldstein, S. P., *Chmn. Engr.; M. E.*
Gonzales-Mandrey F., *Dean; Thermo. & Power*
Gotaas, H. B., *Dn.; C. E.; Sanit.*
Graetzer, G. R., *Dean; Aero. Eng.*
Graham, J. W., Jr., *Vice Pres., C. E.*
Grammer, F. A., *Dean*
Gramstorff, E. A., *Dean; C. E.*
Graney, M., *Dean E.*
Granger, A. T., *Dean, Struc.*
Greco, C. S., *Dir.; Tech. Institutes*
Green, R. S., *Exec. Dir.*
Greene, H. S., *Dean*
Greenfield, E. W., *E. E.*
Gregory, F. A., *Asst. Supt.*
Greiber, C. L., *Dir. Voc. & Adult Ed.*
Grigoriff, W. W., *Univ. Rel. Chem.*
Grinter, L. E., *Dean Grad. Schl.; Dir. Res. Civil*
Gross, H. W., *Dean Emer.; Elec.*
Grove, C. S., Jr., *Dir. Eng. Res.*
Groves, M. H., *Assoc. Dn.; Hum. Soc.*
Groves, W. A., *Pres., English*
Guenther, O. V., *President; Tech. Inst.*
Guldberg, O., *Dir.*
Gunderson, N. O., *Hd. Eng.; C. E.*
Gunning, H. C., *Dean*
Guse, C. E., *Coordinator*
Gyte, M. E., *Dir.; Tech. Inst.*
Haberstroh, R. D., *Ind. Liaison Officer*
Haertlein, A., *Assoc. Dean Civil*
Hagerty, W. W., *Dean; Fluid Mech.*
Haiss, G. W., *Asst. Dir. Educ.*
Hall, D. R. A., *Asst. Pres.; Hum.-Soc. Stud.*
Hall, H. P., *Dean; Soil Mech.; Struc.; Physics*
Hall, W. A., *Act. Asst. Dean E.; M. E.; Agr. E.*
Hall, W. H., *Dean Emer.; Civil*
Halstead, W. R., *Dir., Tech. Inst.; E. E.*
Hamel, D. B., *Ex. V. P.*
Hamlen, E. K., *Personnel*
Hammond, T. M., *Dean Stud., Physics*
Hance, L. H., *President; Tech. Inst., General*
Hanes, J. C., *Bus. Exec. Officer; San. E.; C. E.*
Hannum, J. E., *Dean; Industrial*
Harder, K. C., *Educ. Officer*
Hardy, R. M., *Dean; C. E.*
Harkey, J. W., *Coord. Coop. Courses*
Harms, J., *Personnel; Coop. Ed.*
Harness, G. T., *Assoc. Dean; E. E. Math.*
Harris, N., *Dir. Tech. Inst.*
Harris, O. R., *Dir. Eng. Exp. Sta.*
Harrison, E. D., *Pres.; M. E.*
Hart, R. L., *Dean Evening School; Dir. Tech. Inst. Prog.; Voc. Cons.*
Hartung, W. M., *Vice President; Aero.*
Hatcher, R. S., *Dir.; Aero.*
Haubner, R. K., *Asst. Registrar; Math.*
Hauf, H. D., *Dean*
Hausmann, E., *Dean Emer.; Physics*
Hawkins, G. A., *Dean; Thermo. & Power*
Hay, R. C., *Coord. Inter. Prog.; Agr. E.*
Hayes, H. P., *Dean; M. E.*
Haynes, H. A., *First Asst. Supt.; Elec.*
Hayward, B. W., *Pres.; Tex. Eng.*
Hazell, W., *Dean of Admin.*
Hazen, H. L., *Dean, E. E.*
Heafield, K., *Director Adm.; Eng.*
Heald, H. T., *President; Civil, structural*
Heath, E. B., *Chm. Eng. & Tech. Train.*
Hefner, R. A., *Dean; Math.*
Heiman, D. W., *Dir. Military Art*
Heinlein, D. M., *Headmaster; Sci. & Eng.*
Heiffrich, R. G., *Coord.*
Hellwarth, A. R., *Assoc. Dean Engr.*
Hem, L. W., *Asst. Dean; Thermo. & Aero. Engr.*
Hemke, P. E., *V. Pres.; Dean, Aero.*
Henderson, J. M., *Director; General*
Hennessy, W. J., *Assoc. Dean; Ind.*
Henninger, G. R., *Asst. Dir. E. Ext. Serv.; E. E.*
Herman, G. J., *Asst. Dn.; C. E.; Struc.*
Herron, L. W., *Dean; Industrial*
Hershman, G. E., *Registrar*
Hess, H. M., *Assoc. Dn.; E. E.*
Hibshman, N. S., *Sec. AIEE; Power*
Hickman, C. A., *Dean; Hum.-Soc.; Eng. Econ.*
Hicks, D. R., *Asst. Dir. of Pers.*
Hilberry, N., *Dir. Phys.*
Hillyard, L. R., *E. Pers. Officer, I. E.*
Hirschfield, S. J., *Pers.; Coop. Eng.*
Hixson, A. N., *Asst. Vice Pres. Eng. Affairs*
Hoag, J. B., *Hd. Sci. Dept.*
Hobson, J. W., *V. P.; Ind. E.*
Hobson, L. S., *Assoc. Dir.; Ind.*
Hobson, M., *Dean; Chem. E.*
Hodgins, J. W., *Dn. Engr.; Ch. E.*
Hoffman, J. W., *Assoc. Dir., Engr. Exper. Sta.*
Hoffman, L. A., *Dean Emer.; Sec. Bd. Dir.; M. E.*
Hogan, H. K., *Consultant*
Holderman, K. L., *Asst. Dean*
Hollister, C. H., *Hd. Eng. Admin.; Marketing*
Hollister, S. C., *Dean; Mech. and Mat.*
Holmes, W. J., *Dean; Gen.*
Hooper, L. J., *Dir.; Mech.*
Hopper, J. S., *Dean; Mechanical*
Horne, P. S., *Chief; G. E.*
Horning, D. O., *Res. Engr. & Lect.*
Hössier, K. G. N., *Rector; Math.*
Houchens, J. M., *Registrar; Electrical*
Houston, L. W., *Chm. Bd. Trustees*
Houston, W. V., *President*
Hovde, F. L., *President*
Howe, E. D., *Assoc. Dean; Mechanical*
Howe, J. W., *Dean; Ret.*
Howell, E. J., *President; Chemical*
Howell, R. S., *Director; Mechanical*
Hrones, J. A., *Vice Pres. Academ. Affairs*
Hubbard, N., *Registrar and Dir.*
Hubert, C. I., *Cont. & Power*
Hughes, G. G., *Dean Emeritus; Mechanical*
Humble, M. K., *Dir.*
Hume, W., *Dir.; Physics*
Hunter, H. L., *Dean, Arts & Sci.; Chem.*
Hunter, M. A., *Dean Emer.; Metallurgy*
Huntington, D. H., *Asst. Dean; Agr. E.*
Huntley, H. B., *Dir.; Math.*
Hyman, S. C., *Asst. Dn.; Ch. E.*
Jacklin, H. M., *Dir. Appl. Mechs.; M. E.*
Jackson, D. C., Jr., *Sci. Educ. Adv.; E. E.*
Jackson, J. R., *Dir. Guid. & Place., Staff Pay.*
Jacobs, S. N., *President*
Jamison, J. S., Jr., *Dir.; E. E.*
Jamieson, R. E., *Dir. Pl.; Irrigation*
Janssen, A. S., *Dean; Civil*
Jarvie, L. L., *Ex. Dean; Tech. Inst.*
Jelinek, R. V., *Asst. Dean, Ch. E.*
Jenkins, J. A., *Dir. Pl.; Personnel*
Jewell, A. D., *Asst. Principal; Mfg. Proc.*
Joerger, C. A., *Dean Emer. Eng; M. E.*
Johnson, A. P., *Asst. Dir. Counsel.; Psych.*
Johnson, E. W., *Asst. Dean; Elec.*
Johnson, H. W., *Assoc. Dn.; Hum. Soc.*
Johnson, J. S., *Dean; E. E.*
Johnson, L. H., *Dean; Civil*
Johnson, L. V., *Director; Physics*
Johnson, T. G., *Asst. Dir. Ind. Rel.*
Johnston, R. M., *Per.*

Joly, G. W., *Asst. Dn.*
Jones, C. S., *President; Aero.*
Jones, E. E. R., *Asst. Hd. Eng. Ext.; M. E.*
Jones, E. N., *Pres.*
Jones, H. A., *Treas.*
Jones, L. D., *Assoc. Dean & Sec. E.; E. Dr.*
Jones, W. N., *Vice Pres. Indus. & Govt. Rel.; Chem.*
Jordan, A. R., *Dn.; Phys.*
Jordan, H. H., *Assoc. Dean; General*
Justice, H. K., *Dean; Math.; Mech.*
Kapp, C. A., *Director; Coop. Ed.*
Kattwinkel, O. F., *Dean, Procure. Ball. Missiles*
Katz, H. H., *Vice President; Industrial*
Keating, A. E., *Pres.; I. E.*
Keegan, F. J., *Director*
Keene, A. T., *President; English*
Kegerreis, Roy, *Physician*
Keller, A. R., *Dean Emeritus; Sanitary*
Keller, E. L., *Dir. Genl. Extn.*
Kelley, J. R., *Ch. Inst.; Tech. Inst.*
Kellogg, F. H., *Dean; C. E.*
Kelly, F. P., *Asst. Dir.*
Kennedy, V. C., Jr., *Ex. Dir.*
Kerekes, Frank, *Dean; Civil*
Kerr, H. H., *Principal*
Kiernan, C. J., *Asst. to President*
Killian, J. R., *President*
Killian, T. J., *Chf.; Chf. Sci.; Physics, E. E.*
Killingsworth, R. W., *Asst. Dean, C. E., Mech.*
Kimball, R. M., *Sec.*
Kimball, W. P., *Dean; Structural*
Kimbark, E. W., *Dean; E. E.*
Kindler, H. S., *Dir.; Tech. Inst.*
Kinney, E. E., *Cons. to Build. & Util.; Elec.*
Kirk, F. S., *Dir. of Publns.*
Kistler, S. S., *Dean, Chemical*
Kline, B. E., *V. P.*
Klitgord, O., *President*
Knapp, W. A., *Assoc. Dean Emer.*
Knott, C. E., *Asst. Dean; Electrical*
Knowles, A. S., *President; I. E.*
Knudsen, H. B., *Dean; Civil*
Knudson, C. M., *Dean; Ch. E.*
Knudson, M. C., *President; Chem.*
Koch, E. G., *Pres.; Chem.*
Koehler, W. A., *Dir. Exp. Sta.; Ch. E.*
Koenig, J. H., *Dir.; Ceramics*
Koga, I., *Dn.; E. E.*
Kopka, M. A., *Dir. Place. Ser.*
Kopp, E. W., *Asst. Dean; I. E.*
Krathwohl, W. C., *Dir.; Psych.*
Krayhill, E. K., *Asst. to Dean; Illum.*
Kruszka, E. J., *Dean; Tech. Inst.*
Kuhn, T. H., *Dean Fac.; Min. Tech.; Geol.*
Labanauskas, P. J., *Editor; Human.-Soc.*
LaCauza, F. E., *Acad. Chm.*
Lafeber, T. J., *Pres. Tech. Inst.; Elec.*
Laffin, C. W., Jr., *Dean*
Lain, D. W., *Field Reg.*
Lain, P. E., *V. P. Admin.*
Lain, T. J., *Pres.*
Lampe, J. H., *Dean; E. E.*
Landon, R. D., *Dean; Civil*
Lane, D. F., *Vice President*
Lange, K. O., *Dir.; Aero.*
Langenheim, R. L., *Dean; Civil*
Langsam, W. C., *President*
Langsdorf, A. S., *Dean; Electrical, Retired*
Langston, R. E., *Dean; I. E.*
Larkin, J. D., *Dean; Human.-Social*
Lassalle, L. J., *D. Emer.; M. E.*
Lawrence, E. G., *President; Power*
Lawrence, G. M., *Asst. Dean; Electronics*
Lawshe, C. H., *Dn. Tech. Ext. & Adult Educ.; Tech. Inst.*
Lazan, B. J., *Assoc. Dean, Mech. & Mat.*
Leach, W. J., *Ad. Asst. to Dean; Engr. Draw.*
Lee, G. H., *Dir. of Research*
Leland, O. M., *Dean Emeritus*
Leo, Bro. A., *Dean; Civil; Trans.*
Lescarbeau, R. F., *Technical Inst.*
LeTellier, L. S., *Dean Em.; Civil E.*
Lewis, F. H., *Dir. Test. & Guid.*
Lewis, F. J., *Dean; Civil; Sanitary*
Lewis, W. A., *Dean; Electrical*
Libby, W. E., *Coord.; Mech.*
Lindvall, F. C., *Dean; Electrical*
Link, R. P., *Assoc. Dn.; Arch.*
Linton, F. H., *Personnel; Tech. Inst.*
Lippert, F. G., *Pers.; Coord. Coop. E.*
Litkenhous, E. E., *P. Dir. E. Sci.; C. E.; Res.*
Lium, E. L., *Dean, Civil*
Loberg, H. J., *Dir.; Mech.*
Lohmann, M. R., *Dean; Industrial*
Long, D., *Vice Pres. Bus. & Econ.*
Longacre, A., *Dir. Res.; Physics*
Lottich, P. B., *Dir. Admis.*
Lowen, W., *Chm. Engr.; M. E.*
Ludden, D. J., *Voc. Dir.*
Lydon, M. J., *Pres.; Text. Engr.*
Lynch, S. A., *Hd. Geology & Geophysics; Mineral Educ., Consult. Engr.*
Lyons, E. H., *Asst. Indus. Coord.*
Macdonald A. E., *C. E.; Const.; Struc.; Soil*
MacDonald, G. G., *Dean Stud.*
MacDonald, R. L., *Dir. Place.*
MacFarlane, C. S., *Dir. Admissions*
MacKenzie, D. H., *Dean; Chemistry*
Mackey, A. A., *Asst. Reg.; Math.*
Maddox, C. V., *Dean; Math.*
Maedel, G. F., *Pres.; Electrical*
Mallinson, G. G., *Dn. Grad. Studies*
Mangnall, D. H., *Registrar, Asst. Dir. Ev. Ses.*
Mann, L. A., *Dean*
Marboe, R. F., *Asst. Dir.; M. E.*
Marco, H. F., *Dean; C. E.; E. Mech.*
Marino, C. J., *Dir. Place. & Nonacd. Pers.*
Marion, C. P., Jr., *Engr. Dr.; Engr. Sci.; I. E.*
Marks, J. A., *Eng. Place. Dir.; Dr. & Des. Geom.*
Marlowe, D. E., *Dean; M. E.; Mech. & Mat.*
Marschalk, H. E., *Hd. Pub. Navy*
Marsh, W. H., *Dean*
Marshall, D. H., *Dir.; Eng.*
Marshall, T. A., *Asst. Sec. ASME*
Marshall, W. R., *Assoc. Dean; Chemical*
Marston, G. A., *Dean; Civil, Hyd.*
Marteena, J. M., *Dean; Mechanical*
Martin, P. C., *Pres.; Tech. Inst.*
Martin, R. J., *Dir.; Thermo. & Power*
Martinez, J. L., *Asst. Dn.; M. E.*
Mason, J. I., *Dir.; Tech. Inst.*
Mason, J. W., *Dean; Ch. E.*
Mason, M. A., *Dean; Civil*
Matson, R. M., *Dir.; Mach. Des.*
Mattill, J. I., *Asst. Dir. News Ser.; Dir. Publ.*
Mavis, F. T., *Dean; C. E.*
Mazzola, M. C., *Assoc. Dean., Tech. Inst.*
Mayo, W. K., *Chm.; Mech. & Mat.; Tech. Inst.*
McAuliffe, D. C., *Dean & V. Pres.; E. Dr.; Surveying; Min. Indus.*
McBride, G. T., *Assoc. Dean Stud.; Ch. E.*
McCabe, W. L., *Adm. Dean; Chem. Engr.*
McCallick, H. E., *Assoc. Dean, Tech.*
McClure, M. R., *Dir.; Ind*
McCrumm, J. D., *Dean; Elec.*
McEachron, K. B., Jr., *Dean; E. E.*
McHugh, E., *Dean; Thermo. & Power*
McIlvaine, W. D., *Asst. Dn.; Engr. Econ.*
McIntosh, C. W., *Prog. Offcr., Tech. Train.*
McKay, I., *Pres.*
McKee, E. R., *Dean; Electrical*
McKibben, E. G., *Dir. Res. Agr.*
McLaughlin, R. R., *Dean*
McMahon, J. F., *Dean*
McManus, J. F., *Asst. Dean; C. E., Const.*
McNeeley, F. J., *Eng. Gen. Supr.*
McNown, J. S., *Dn.; C. E.; Fl. Mech.*
Mehl, R. F., *Dean; Min. Tech.*
Meier, P. T., *Mech. Inst.*
Meikle, G. S., *Director Res. Rel. with Ind.*
Melvin, H. W., *Dean; English*
Memory, N. H., *Director*
Menand, H., Jr., *Asst. Dean; Mechanical*
Mensendick, C. I., *Asst. to Dean Eng.*
Merchant, J. A., *Registrar*
Merrill, L. L., *Dean.; Math.; E. E.*
Messinger, H. C., *Director, Coordination*
Metz, D. C., *Dean; Tech. Inst.; Ind. E.*
Metzenheim, H. H., *Compt. Emer.*
Meyerhoff, H. A., *Exec. Dir.; Mineral Tech.*
Michael, B., *Human. Soc.*
Michael, F. R., *Dean*
Middendorf, H. Q., *Dean of Men; For. Lang.*

Miller, K. R., *Adm. Asst. to the Pres.*
Miller, W. E., *Asst. Dean; Elec.*
Mills, P. J., *Dir.; Physics*
Mingins, C. R., *Director, Research Lab.*
Mirgain, F. C., *Dean; Sanitary*
Mitchell, C. E., *Asst. Dir. Inst.; Engr. Gr.*
Mitchell, L., *Dean Emer.; Civil Hydr.*
Mittendorff, E. M., *Director Ut'l; Thermo. Pwr.*
Moench, H. A., *Dean; Electronics*
Mohn, P. E., *Dean; Mechanical*
Molstad, M. C., *Dir.; Ch. E.*
Moore, H., *Soc. Auto. Eng.*
Morehouse, J. S., *Dean; Thermo. & Power*
Morey, C. W., *Pres., Tech. Inst.*
Morey, L. G., *Vice Pres.; Tech. Inst.*
Morgan, J. P., *Asst. Dn.; M. E.*
Morgan, J. W., *Asst. Dean, Engr. Draw.*
Morgan, M. G., *Dir. Res.; Electrical*
Morgen, R. A., *Res. Dir.; Ch. E.*
Moses, R. G., *Pers.; Tech. Inst.*
Moyer, D. H., *Dir. Stu. Personnel*
Mueller, R. A. H., *Dn.; Psych.*
Mullen, C., *Treas,; Phys.*
Mundel, M. E., *Assoc. Dir.; Ind.*
Murphy, G. W., *Director; Pub. Rel.*
Murphy, T. C., *Dir.; I. E.*
Murray, D. S., *Admin. Dir.; Hum.-Soc. Stud.*
Myers, F. E., *Dean; Physics*
Nabees, T. B., *Supv. Draft.*
Napp, F. P., *Adm. Asst. to Dir.*
Neal, H. P., *Adm. Asst., E. Dr.*
Nelson, L. C., *Dir. of Eng.*
Neuffer, F. R., *Dean; I. E.*
Neville, H. A., *Vice Pres. & Prov.; Chem.*
Newell, R. L., *Asst. Dean; M. E.*
Newsom, C. V., *Pres., Math.*
Newton, R. K., *Supv.; Elec.*
Nicholas, C. P., *Col. Mil. Staff; Math.*
Noel, R. L., *Hd. Engr.; Mech. & Mat.*
Nordby, G. M., *Prog. Dir.; Soil Mech.; Struc.*
Norris, E. B., *Dean Emer.; Cons. M. E.*
Notar, E., *Dean; C. E.*
Nothmann, G. A., *Res. Mgr.*
Nottenburg, R. A., *Dean, Math.*
Nudd, W. E., *Dir. Admissions; Engr. Draw.*
O'Brien, M. P., *Dean; Civil*
O'Connor, J. F., *Asst. Dir. Tech. Inst.*
O'Neill, R. R., *Asst. Dean; Eng.*
Olver, E. F., *Dir., Secur. & Safety; Agr. E.*
Opperman, D. R., *Asst. Dean; E. Dr.; G. E.*
Orr, W. L., *Asst. Dean; General*
Overholt, C. A., *V. P. & Treas.; Tech. Inst.*
Owens, R. G., *Dean; Mechanical*
Owens, W. J., *Dean*
Palmerton, L. R., *Dean; Psych. & Pers.*
Panlener, R. J., *Dir.; Mechanical*
Parden, R. J., *Dean; Indus. E.*
Pardue, L. A., *Vice Pres.; Physics*
Park, J. C., *Dn. Emer.; Trans.*
Parker, M. E., *Dir.; Food Eng.*
Parsegian, V. L., *Dn.; Nuclear Sc.*
Parsons, J. A., Jr., *Chmn. Engr.; Metall.*
Parsons, W. H., Jr., *Dir. Instruc.*
Partlo, F. L., *President; Physics*
Partridge, D. B., *Dean*
Patterson, W. A., *Dean; Math.*
Pattison, R., *Vice-Principal; Mech. & Mat.*
Payne, W. H., Jr., *Supv. Dir.*
Pearl, G. C., *Dir. Pub. Rel.*
Pearson, J. F. W., *President*
Pearson, J. R., *Assoc. Dean; Mach. Des.*
Peaslee, W. D. A., *Pres.; E. E.*
Pender, Harold, *Dean Emer.; Elec.*
Pepper, P. M., *Dir.; Math. & Ind. Eng.*
Perdue, J. V., *Ind. Coor.*
Perry, L. E., *Dn.; Hum.-Soc.*
Perry, W. H., Jr., *Dean; English; Econ.*
Person, H. T., *Dean; Civil*
Peterson, D. F., Jr., *Dean Eng.; C. E.*
Pettit, J. M., *Dn. Engr.*
Picha, K. G., *M. E.*
Pickard, E. E., *Ed. Advsr.*
Pierce, S. H., *Assoc. Dean; Gen.*
Ponder, P. E., *Reg. & Dir. Admis.*
Popovich, M., *Asst. Dean; Thermo. & Power*
Porter, A. O., *Dean*
Potter, A. A., *Dean Emer., Res.*
Potter, J. H., *Dean; Mech.*
Potter, R. C., *Assoc. Dean; Thermo. Pwr.*
Pouliot, A., *Dean*
Powell, K. A., *Test Engr.; G. E.; Met.*
Powers, M. L., *Director*
Prager, P. C., *Asst. Contr. Oper., M. E.*
Pregel, B., *V.P.; Physics*
Preisman, A., *V. P.; Electrical*
Prentice, D. B., *Dir., Sci. Res. Sec.*
Price, M. L., *Dean; M. E.*
Price, P., *Dean; English; Pers.*
Price, R. M., *Asst. Dean; Physics*
Pride, J. M., *Spec. Asst. Ch. Tr. & Dev. Div.*
Prosser, R. A., *Supv.*
Pruyn, W. V., *Commun. Coord.-Admin.*
Pumphrey, F. H., *Dean*
Purvine, W. D., *Dir., Tech. Inst.*
Quarles, G. G., *Ordnance E., Res.*
Quarles, L. R., *Dean; E. E. & Phys.*
Quinsey, W. E., *Asst. to Dir.*
Radcliffe, J. G., *Registrar; C. E.*
Radford, W. H., *Assoc. Dir.*
Ragazzini, J. R., *Dn.; E. E.*
Raimondi, T. V., *Dir.*
Ramsey, L. C., *Exec. Vice Pres.; Tech. Inst.*
Ramsey, R. H., *Hd. Ind. Ref. Div.; G. E.; Met.*
Rangel, F., *Dir.*
Ransdall, C. H., *Asst. Dean; Drawing*
Rapp, M. A., *Assoc. Exec. Dean; Tech. Inst.; Humanistic-Social Studies*
Rayfield, J. H., Jr., *Assoc. Dir. Place.; M. E.*
Razak, C. K., *Dean; Aeronautics*
Reaser, W. E., *Asst. Sec., ASME*
Rees, C. J., *Provost, Math.*
Reid, C. T., *Director; Aeronautics*
Rempel, P. J., *Coord.*
Rettaliata, J. T., *President; Mechanical*
Reyes, H., *Dean; Civil*
Reynolds, C. C., *Materials; Asst. Dn. & Asst. P.M.E.*
Reynolds, D. P., *Asst. to Secy., A. S. C. E.*
Richmond, A. P., Jr.
Riddle, K. W., *Dean; Mechanical; Mach. Des.*
Rietzke, E. H., *Pres.; Electrical*
Rimbol, N. R., *Director; Electrical*
Ritland, H. O., *Dir. Eng.; E. E.*
Roberts, M., *Dean Emeritus; Mining; Geology*
Robichaud, R. F., *Coord.*
Robinson, D. H., *Dean; Chem. Eng.*
Robinson, D. W., *Dean Students; Psychology*
Robinson, J. A., *Secretary*
Robinson, M. B., *Dn. Coop. Educ.*
Robley, G., *Assoc. Dean; Civil*
Rochte, N. C., *Dir.*
Rockefeller, R. W., *Asst. Dir.*
Rodes, H. P., *President; Tech. Inst.*
Rodgers, E., *Dn. Grad. Schl.; Phys.*
Roemmele, H. F., *Dean Stud.; Thermo. & Power*
Rogowski, A. R., *Thermo. & Power*
Rohrman, F. A., *Supt. Sci.; Chem. E. Appl. Phys. & Eng.*
Roney, M. W., *Asst. Dir., Pak. Tech. Inst. Prog.*
Rooney, W. R., *Chf. Eng. Ed.*
Rose, A., *Dir.; Ch. E.*
Rosselot, G. A., *Director; Physics*
Rossini, F. D., *Dir. Pet. Res. Lab.*
Roth, S. G., *Coord. Res. Serv.; Math.*
Rouillion, L. H., *Director; Tech. Inst.*
Rountree, H. C., *Dir.; I. E.*
Rouse, H., *Dir. Res.*
Rovelstad, H., *Dir.; Lab.*
Rowley, F. B., *Director Emer.; Mechanical*
Roy, R. H., *Dean; Ind. Engr.*
Roys, F. W., *V. P.; M. E.*
Rueve, S. J., *Regent; Philosophy*
Ruhl, R. C., *Dean; Civil*
Rule, J. T., *Dean, Eng. Dr.*
Rung, T. J., *Dir.*
Russell, L. L., *Dean; Chem.; Placem. Coord.*
Rutledge, H. G., *Adm.*
Ryan, J. L., *Dean; M. E.*
Ryan, M. M., *Dean*
Ryder, J. D., *Dean; E. E.*
Ryder, K. G., *Dn. Adm.*
Sachs, J. M., *Asst. Dean; Tech. Inst.*
Salma, E. A., *Asst. Dean; Thermo. & Power*
Saltmarsh, V., *Place. Dir.*

Sams, J. H., *Dean; Mechanical*
Saunders, W. A. B., *Vice-Principal; Aero.*
Saville, T., *Dir.*
Sawyer, W. R., *Vice Comm., Chem.*
Schaffner, C. E., *Dir. Ev. Sess.; Civil*
Schamehorn, E. C., *Dir. Draft. Ap. Prog.; Eng. Dr.*
Schatz, E. R., *Asst. Dean; E. E.*
Schilling, E. W., *Dean; Electrical*
Schmaling, G. P., *Asst. Coord. Engr.*
Schmelzer, R. W., *Gen. Secy.*
Schneerer, W. F., *Dir. Pub.; Eng. Dr.*
Schoenherr, K. E., *Dean, Naval Arch.; Fluid Mechs.*
Schommer, J. T., *Dir. Dev. Office*
Schoonover, R. H., *Dean Emer.; Mech. & Mat.*
Schreiber, H. F., *Coordinator*
Schubmehl, R. J., *Asst. Dean; Mechanics*
Schwarz, R. F., *Dir.*
Seaton, R. A., *Acad. Dir.; M. E.; Mech. & Mat.*
Seeger, R. J., *Asst. Dir.; Physics*
Seeley, G. E., *Dir. Educ.; I. E.*
Seeley, W. J., *Dean; Elec.*
Semelsberger, R. E., *Tech. Dir.; E. E.; G. E.*
Sen, T., *Rector*
Senne, J. E., *Asst. Dean; Engr. Drawing*
Seulberger, F. G., *Asst. Dean*
Shaughnessy, T. E., *Ed. Adv.*
Shaver, R. E., *Dean; C. E.*
Shaw, H. W., *Gen. Mgr. Tech. Ed.*
Sheerar, L., *Ex. Dir. & Ch. E.*
Sheley, B. L., *Dean, Aero. & Aero. E.*
Sherman, W. R., *Comdr. USNR*
Shiels, K. G., *Asst. Dean; Eng. Drawing*
Shimizu, K., *President*
Shirley, J. W., *Dean; English*
Sievers, G. A., *Pres.; Cons. Psychol.*
Silva, A., *Dn. Students.; English*
Simpson, C. E., *Adm. Asst.*
Simon, E. J., *Dean, Tech. Edu., Tech. Inst.*
Simrall, H. C., *Dean; Dir.; E. E.*
Sims, *A. R., Dean; Math.*
Sindlinger, W. E., *Community, English*
Sisco, F. T., *Director*
Sitterlee, L. J., *Head, Tech. Inst. E. E.*
Sjogren, C. A., *Nat. Sec. & Editor*
Skamser, H. P., *Dn. Engr.*
Slantz, F. W., *Dn. Engr.; C. E.; Engr. Gr.*
Slater, L. E., *Exec. Dir., Tech. Inst.*
Sliepcevich, C. M., *Assoc. Dean, Chem. Eng.*
Smethers, J. W., *Asst. to Dir. E. Nt. Sch.*
Smith, C. E., *Pres.; Electrical*
Smith, E. W., *Pres., M. E.*
Smith, L. A., *Asst. Dean; Civil Engr.*
Smith, L. F., *Dean; Tech. Inst.*
Smith, M. L., *Assoc. Dn.; M. E.*
Smith, R. H., *Assoc. Res. Eng.; Aero.*
Smith, R. J., *Dean*
Smith, R. K., *Asst. Dean, M. E.*
Smith, V. M., *Dir. Tech.; G. E.*
Smith, W. H., *Asst. Dir. Stud. Pers.; Desc. Geom.*
Smith, W. S., *Asst. Dean; Civil*
Sobey, Albert, *President Emer.; General*
Soderberg, C. R., *Dean; Mechanical*
Soellner, R. O., *Ed. Dir.; Tech. Inst.*
Solberg, A. N., *Dean*
Solberg, H. L., *Assoc. Dn.; Thermo. & Power*
Sorensen, E. P., *President*
Souther, J. W., *Asst. Dean; English*
Spahr, R. H., *Director, Ret.; Industrial*
Speer, G. S., *Dir. Psych. Serv.; Psych.*
Spencer, H. L., *Director; Human.-Social*
Spielman, J. P., *Dean; Min.*
Spilhaus, A. F., *Dean; Geophysics*
Spindler, G. R., *Dir.; Min.*
Sproul, R. G., *Pres.*
Stafford, W. C., *Dir. Prof. Devel., Bus. Admin.*
Stahl, K. H., *Asst. Dean; Appl. Math.*
Stapley, E. R., *Dean; (Emeritus) Sanitary*
Stark, R. M., *Asst. Dean*
Starnes, D. E., *Chf. Tr. Div.; Co-op. Engr.*
Staton, R. T., *Asst. Dean, I. E.*
Stavely, E. B., *Assoc. Dn.; Elec.*
St. Clair, O. A., *Asst. Dn.*
Stefani, L., *Vice Chan.; Heat Power*
Steinber, S. S., *Pres.*
Steiner, C. J., *Pres.; Philos.*
Stephans, C. H., *Dir. Ind. Rel. & Spec. Courses*
Sterling, G. R., *Dean; H-S. Studies*
Stewart, N., *Staff Adv.; Human.-Soc. Stud.*
Stiemke, R. E., *Dir.; C. E.*
Stockard, R. H., *Dir. Place.; Thermo. & Power*
Stocker, G. P., *Dean Retired; Civil*
Stoker, W. C., *Dean; E. E. Elect. & Contr.*
Stoudt, T. G., *Adm. Head; Tech. Inst.*
Stout, L. E., *Chem., Consulting Engr.*
Stratton, J. A., *Actg. Pres. & Chan.*
Streubel, E. J., *Dean Emer.*
Strite, K. L., *Asst. Dir. Engr. Train.*
Strong, J. D., *Dir. Non.-Res. Inst.*
Stubblebine, A. N., Jr., *Coordinator; Engr. Gr.*
Sturgis, H. W., *Asst. Registrar; Physics*
Sulkowski, E. L., *Asst. Dir.; Physics*
Sullivan, G. L., *Dean Emer.; Mech.; Indus.*
Sullivan, T. E., *Dir. Pre-Engr.*
Summers, R. E., *Dean; M. E.*
Sumwalt, R. L., *Act. Pres.; C. E.*
Sung, S. Z., *Asst. Master*
Susat, E. C., *Dir. of Coop. Traing.*
Swearingen, L. E., *V. P. Res.; Chem.*
Sweigert, R. L., *Dean; Thermo. & Power*
Swofford, R. P., *Dir. of Res. & Dev.; Aero. E.*
Taecker, R. G., *Dir.; Ch. E.*
Taylor, A. D., *Asst. Dean; C. E.; Mech. & Mat.*
Taylor, E. J., *Dean; Heat Power*
Taylor, W. A., *Dir., Arch., Arch. E.*
Teare, B. R., *Dean; Engrg. & Science*
Teichmann, F. K., *Asst. Dean, Aero.*
Terrell, D. V., *Dn. Emer.; C. E.*
Theakston, H. R., *Head; Drawing*
Thigpen, A. C., *Asst. Dn.; E. E.*
Thomas, D. B., *Dean; Math.; Tech. Inst.*
Thomas, E. M., *Dean; Min. Tech.*
Thomas, M. A., *Dean; Electrical*
Thomas, R. H., *Coordinator; Ceramic Eng.*
Thomas, W., *Asst. to Dean; Coord. Coop. E.*
Thompson, A. T., *E. E., Underwater Ordnance*
Thompson, H. F., *Chm. Eng.*
Thompson, L. P., *Dn.; Mechs.*
Thompson, O. F., *V. P.; Tech. Inst.; Elec.*
Thorogood, B. K., *Director; Mech. Tech. Inst.*
Thresher, B. A., *Adm. Dir.; Economics*
Tiller, F. M., *Dean; Ch. E.; E. E.; Math.*
Tilley, R. J., *Assoc. Editor*
Tinniswood, W. W., *Chairman, Engr.*
Tirey, P. L., *Dean; Des.*
Torgersen, H., *Dean; E. E.*
Towle, N. L., *Dean; Electrical; Power*
Town, G. R., *Assoc. Dir.; E. E.*
Townsend, A. L., *Director; Mechanical*
Treviño, R., *Rector, C. E.*
Trezise, F. W., *Assoc. Dean; Civil*
Trumpler, P. R., *Dir.; M. E.*
Trytten, M. H., *Director; Physics*
Tudbury, C. W., *Supv. Emer.; Math.*
Turkes, Walter R., *Assoc. Dean; I. E.*
Tutt, C. L., *Adm. Chrmn.; Mechanical*
Tuve, G. L., *Dir.; M. E.*
Tyrrell, C. C., *President; Mech. Tech. Inst.*
Ulcker, J. J., *Act. Dn.; M. E.*
Uihlein, G. V., Jr. *Exec. Sec.*
Undgrodt, R. J., *Dir.; Asst. Dn.; E. E.*
Upchurch, L. M., Jr., *Dir.*
Van Antwerpen, F. J., *Sec., AI. Ch. E.*
Van Deusen, G. L., *Pres. Emer.*
Van Dusen, E. B., *Dean, Tech. Inst; M. E.*
Van, Ee. Poel. P., *Dean*
Van Houten, R. W., *Pres.; Civil; Trans.*
Van Note, W. G., *Pres.; Mineral*
Van Pelt, J. R., *Pres.; Min., geology*
Van Vleet, J. G., *Dir., Mech. Engr.*
Van Wyck, P. S., *Dir. Voc. Ed.; Tech. Inst.*
Van Zeeland, F. J., *Dir.*
Vanderwilt, J. W., *Pres.; Min. Geo.*
Vick, A. T., *Asst. to Supt., Bd. of Pub. Edu.*
Vilander, N. E., *Dir. Tech. Inst.*
Vonderlage, F. C, *Dir.*
Wachter, Wm. M., *Dean*
Wakeland, H. L., *Asst. Dean; Ag. Engr.*
Wales, R. L., *Dean Emer.*
Walker, E. A., *Pres.; Elec. E.*
Wallace, L. W., *Leader Engrg. Traing. Prog.*
Wallschlaeger, T. W., *Principal*

Walsh, E. J., *Exec. Dir.*
Walsh, J. B., *Asst. Dir.; E. E.*
Walther, C. H., *Asst. Dean; C. E.*
Wandmacher, C., *Assoc. Dn.; C. E.*
Ward, R. P., *Asst. to Dean; Electrical*
Warner, J. C., *Pres.; Chemistry*
Warren, S. R., *Asst. Vice Pres. Undergrad. Engr. Affairs; Electronics*
Watson, R. M., *Assoc. Dean, Mach. Des.*
Waynick, A. H., *Dir. & Hd. of Research Lab.; E. E.; Physics*
Wear, R. J., *Asst. Ed. Dir.; Aero. & Aero. Eng.*
Webb, G. A., *Dir. Eng.*
Webb, L. W., *Director*
Weber, H. S., *Dir.; Mechanical*
Weber, P., *Dean of Faculties; Chem. Engr.*
Weems, W. R., *Dir. Ind. Dev. Cent.; M. E.*
Weidner, C. K., *Dean*
Weil, Joseph, *Dean; Electrical comm.*
Wendt, K. F., *Dean; Mech. & Mat.*
Wendt, W. E., *Asst. Dir. Admissions; Hum. Soc.*
Werwath, H. M., *Vice Pres. & Treas.*
Werwath, K. O., *President; Economics*
Wessman, H. E., *Dean; Civil*
Westerheide, J. R., *Dir.*
Weyher, T. A., *Dean; M. E.*
Wheadon, W. C., *Dir.; Mat.*
Wheaton, H. H., *Dean; Eng., Math.; Sci.*
Whelan, D. E., *Dean; Civil*
Whitaker, M. D., *President; Physics*
White, W. C., *Vice Pres.; Electrical*
Whitehurst, E. A., *Dir. Tenn. Hwy. Res. Prog.*
Whitney, R. P., *Dean; Ch. E.*
Whittemore, J. W., *Dean*
Wiesner, J. B., *Dir. Res. Lab.*
Wiewall, M., *Dean; Elec.*
Wilcox, E. R., *Exec. Offcr. Genl. Engrg.*
Wile, H. P., *Research*
Williams, W. S., *Dean*
Williamson, M. A., *Dn.; Met.; Aero.*
Willig, W. L., *Pres.; C. E., Struc.*
Wilson, C. L., *Dean; M. E., Struct.*
Wilson, C. L., *Dean; Min. Tech*
Wilson, W. E., *Dn.; Mech. & Mat.*
Wilson, W. S., *Assoc. Dir.; Chemistry*
Winn, C. C., *Dean; Mechanical*
Winston, S. E., *Dean Emer.; Eve. Eng. Educ.*
Wiseman, R. S., *Chief Res. & Photometric Sec.*
Withey, M. O., *Dean Emeritus; Mech. & Mat.*
Wohlford, J. G., *Dir. Coop. Educ.; E. E.*
Wolf, H., *Asst. Dean; Electrical*
Wood, C. R., *Director; Shop*
Woodrow, R. J., *Exec. Officer; Elec. Engr.*
Wooldridge, R. L., *Dir.; Coop.*
Woolf, J. R., *Dn.; M. E.*
Woolrich, W. R., *Consult. Dn.; M. E.*
Work, H. K., *Dean; Direc. Res.*
Worthington, C. G., *Secy-Treas.; Personnel*
Yarrington, P. T., *Asst. Dn.; Engr. Gr.*
Yarnall, J. B., *Asst. to V. P.*
Young, C. R., *Dean Emeritus; Soil Mechanics*
Young, D., *Dean; Mech. & Mat.*
Young, J. G., *Asst. to Dean; Thermo & Power*
Young, R. E., *E. E.*
Zarem, A. M., *Dir.; Physics*
Zengel, J. F. P., *Res. Dir.*
Zerban, A. H., *Dn.; M. E.*
Zerby, A. B., *Ex. Sec., HKN; Electrical*
Zmola, P. C., *Sen. Devel. Eng.*
Zsuffa, L. F., *Director; Industrial*
Zur Burg, F. W., *Dean; Chemical*

ADMINISTRATORS—INDUSTRIAL

Abbott, E. G., *Mgr. Sales Tr.*
Abbott, J. P., *Prog. Examiner*
Acker, D. D., *Staff Engr.; M. E.*
Acock, G. W., *Res. Engr.; Res. & Devel.*
Adams, A. R., *Asst. to Vice Pres.: Chem.*
Agthe, F. T., *Consult. Engr.; Min. Tech.*
Alderman, A. A., *Supr. Tech. Traing., Coord. of Coop. Engr.*
Aldinger, L. A., *Dir. of Educ.; G. E.*
Alexander, C. H., *Dir. Prod. Develop., Ch. E.*
Alger, J. R. M., *Mgr.; E. E.*
Alleman, R. G., *Field Coord.; Ch. E.*
Allen, F. E., *Supr. Educ. Serv.; Met.*
Amerman, P. L., *Dir. of Empl.; Hum.-Soc.*
Andeen, J. W., *Mgr., Selec. & Train. Prot. Pers.*
Anderson, A. M., *Mgr. Tech. Educ.; G. E.*
Anderson, R. H., *V. Pres., Mfg. & Eng.*
Anderson, R. J., *Mgr. Staff Educ.; Geology*
Andrews, G. O., *Asst. Dir. Empl. Rel.; Hum.-Soc.*
Angrist, A. W., *Mgr.*
Antzes, H. L., *Ordn. Engr.*
Aries, R. S., *Pres. Const., Ch. E., Eng. Econ.*
Arlin, M. N., *Systems Eng.*
Arm, D. L., *Dir. Indust. Safety*
Armentrout, P. C., *Supr. Engr. Tr.; Aero.*
Armstrong, B. J., *Eng. Staff Analyst*
Arnold, I., *Vice-Pres.; Petroleum*
Arthur, G. R., *Mgr. Prod. Des. Airborne Sys.*
Ashmore, R. D., *Manager, Tech. Recruit.*
Atherton, R., *Supv. Engr. Thermo. & Power*
Atkins, T. R., *Dir. Ed. Div.*
Avery, J. H., *Unit Chief; Aero. Eng.*
Backer, G. H., *Personnel; Aero.*
Bailey, A. D., *Vice President*
Baird, J., *Admin.; Electrical*
Baker, B. C., *Tech. Empl. Mgr.; Hum.-Soc.*
Baker, C. F., Jr., *Editor; Tech. Inst.*
Baldwin, E. N., *Cons. Mfg.*
Bangs, J. R., *Dir. Pers.; Industrial*
Bardes, O. P., *Pres.*
Barker, J. W., *President; Electrical*
Barnum, Jerome, *Dir. Mgt.; I. E.*
Barthel, C. E., Jr., *Asst. Dir.; Ind. Physics*
Bartkus, E. P., *Gen. Dir.; Ch. E.*
Bass, L. W., *Vice Pres.; Chem. E.*
Batcheller, H. G., *Chm. of Bd.; Librarian*
Baum, R. M., *Sr. Engr.; Physics*
Bell, H. W., *Mgr. Book Dept.; C. E.*
Benedict, G. W., *Personnel; G. E.*
Benischek, H. W., *Cons. Mineral Tech.*
Benjamin, C. G., *President; Engl.*
Benjamin, J. C., *Sr. Professional Employ. Repr.*
Bennett, R. D., *Mgr.; Physics*
Bent, R. D., *Coord. Tr.*
Bergen, M. J., *Chief Draftsman*
Berleth, F. H., *Dir. Engr. Traing.; M. E.*
Besio, C. A., *M. E.; Thermo. & Power*
Birch, R. E., *Dir of Res.; Cer E.*
Bitner, F. R., *Asst. V. P.; Engl.*
Blair, S. R.
Blymyer, F., *Gen. Supor.; Engr. Drwg.*
Boehmer, A. P., *Admin.; Thermo. & Power*
Bollay, Wm., *Pres.; Aero.*
Boggs, R. W., *Asst. Mgr.; Gen.*
Bollay, W., *Prs. & Tech. Dir.*
Booher, E. E., *Exec. V. P.*
Boore, W. F., Jr., *Admin.; Metallurgy*
Boring, M. M., *Consul. Eng. Manp. (Ret.)*
Borkert, J. J., *Chief Engr.; M. E.*
Bortner, R. L., *Chf. Engr.; Aero. Eng.*
Boucher, R. X., *Supv. Train. Off.*
Boulton, B. C., *Exec. Asst. to V. P.; Aero.*
Boyd, T. A., *Res. Cons.*
Boynton, P. W., *Coord. of Coll. Recruitg.; Gen. E.*
Braidech, M. M., *Res. Dir.; Chemical*
Branch, W. H., *Eng. Ed. Serv. Dir.*
Braunwarth, W. W., *Pers.; Electronics*
Breault, E. E., *Dr. Tech. Pers., M. E.*
Brennan, R. E., *Assoc. Editor; Engl.*
Brenton, Walter, *Gen. Supt.; Power*
Brower, A. S., *Act. Mgr.; E. E.*
Bridgman, D. S., *Dir. Col. Rel.; Hum.-Soc.*
Brillinger, C. J., *Dir. of Tr.; M. E.*
Brinker, W. E., *Chief Engr.; Chem.; Ind.*
Broadston, J. A., *Mgr., Prop. Field Lab.; Aero.*
Brown, D. W., *Consul.*
Brown, F. S., *Tr. Repr.*
Brown, I. D., *Bus. Methods, Eng. Econ.*
Brown, J. M., *Admr. Corp. Suppt. Prog.*
Bryant, John, *Pres.; Genl. E.*
Bryant, P. J., *Editor; Mech. Engr.; I. E.*
Buchbinder, H. G., *Vice Pres. Pub.; Editor; Mech.; Mat..; Math.*
Burckel, C. E., *Pub.; Coord. of Coop. Engr.*
Burns, R. K., *Dir. Pers. Rels.; Coord. of Coop. Engr.*

Burns, S. S., *Dir. Res. & Dev.*
Burns, W. A., *Mgr. Pers.; Chem. Eng.*
Burrill, C. M., *Res. Engr.; Gen. E.; E. E.*
Burton, R. E., *Mgr. Cont. Div.; C. E.*
Burton, W. W., *Empl. Mgr.; Hum.-Soc.*
Butler, E. W., *Vice Pres.; Hum.-Soc.*
Calkin, J. B., *Pres.*
Carlstone, P. A., *Coop. E.; Pers.*
Carney, C. J., *Mgn. Director; Ind.*
Carothers, F. L., *Div. Eng.*
Carpenter, J. H., *Air Cond. and Refrig.*
Carpenter, M. T., *Adm. Dir. Res.*
Carroll, P. L., *Spec. Asst. to Pres., Vis. P. E. E., Power & Control*
Carron, T. J., *Asst. Dir. & Serv. Admin.; Chem. E.*
Case, E. H., *Dir. of Coll. & Univ. Rel.; Mach. Des.*
Case, P. E., *Staff Advisor, Train. Dept.*
Chacey, L. A., *Ex. Sec.*
Chapman, R. G., *Chf. Engr.; M. E.*
Chesnut, D. L., *Sales*
Chilton, T. H., *Tech. Dir.; Chemical*
Cholet, B., *Vice Pres.*
Clark, A. N., *Vice Pres.; Publisher*
Clark, J. R., *Princ. Engr.; E. E.*
Claybaugh, H. S., *Sales*
Clayton, L. A., *Proj. Engr.*
Cleaver, M., *Pers. Super.*
Clifford, W. E., *Pers. Mgr., Indus. Admin.*
Cobb, M. H., *Asst. Dir. Pers.; Hum.-Soc.*
Cobb, P. B., *Col. Rel. Repr.*
Coburn, T. A., *Tech. Staff, Plan. & Dev.*
Cochran, S. W., *Mgr.*
Coleman, J. D., *Supv. Prod. Engr.; Refrig.*
Colvin, C. H., *Pres.; Aero.*
Conlon, E. W., *Gen. Mgr.; Turbomotor*
Connors, J. F., *M. E.*
Conroy, J. J., Jr., *Depty. Chief Grad. Tr.*
Conwell, W. A., *V. P.; C. E.*
Coons, M. A., *Oper. Anal. Spec.*
Cooper, C. M., *Eng. Pers. Rep.*
Cooper, M. D., *Dir.; Min. Engrg. Ed.*
Coover, G. B., *Reg. Mgr., E. Recruit.*
Corcoran, W. H., *V. P. & Sci. Dir.; Chem.*
Courtright, N. S., *Asst. Dir. Ed.; Inst., Cont.*
Coyne, M. A., *Pers. Mgr.*
Crane, E. M., *President*
Crary, S. B., *Mgr.; Elec.*
Creutz, E. C., *Dir. of Lab., Pure & Appl. Sci.*
Crew, W. H., *Asst. Dir. Scientific Pers.; Physics*
Cross, T., Jr., *Employ. Rel.; Chem. Res.*
Crouse, W. H., *Editor-in-chief, Science & Eng.*
Crowell, W. S., Jr., *Coord. Pers.*
Currier, T. H., *Mgr.; Engr. Gr.*
Curtis, C. V., *Director; Publications*
Curtis, F. J., *Vice-Pres.; Chemistry*
Curtis, R. E., *Mgr. Pers. Devel.; Nuclear Engr.*
Curtiss, A. N., *Gen. Mgr.; E. E.; Commun.*
Dahl, G. C., *Proj. Mgr., E. E. & Power*
Dahlman, J. E., *College Rel. Representative*
Dangelmayer, W. R., *Gen. Employ. Mgr.*
Daniel, K. R., *Vice Pres.; Chief Engr.; M. E.*
Dantona, L. R., *Tr. Dir.; G. E.*
Darby, H., *Chmn., Bd.*
Darden, T. F., *Admin. Ind. Train. Admin.*
Darling, R. O., *Staff. Asst., Pub. Rel.*
Davidson, Harold O., *Chmn.; Indus. Eng.*
Davies, C. E., *Ret. Sec.*
Davis, A. F., *V. P. & Sec.*
Davis, R. H., *Electrical; Supv.*
Davis, V. O., *Co-ord. Col. Recruit.*
Davis, W. K., *V. P.; Chem. E.*
Davison, F. L., *Methods Eng.*
Dawson, J. H., *Supervisor; Hydraulics*
Deabler, L. T., *Mgr.*
Dean, J. W., *Supv. Ed. Act.; Ed. Res.*
Deane, C. W., *Chemical; Engr. Mgr.*
Decker, J. J., *Asst. to Pres.*
Deeks, S. H., *Chief Admin. Eng.; Gen. Engr.*
Deller, R. A., *Empl. Dir.; Physics*
de Lorenzi, O., *Dir. Educa.; Mechanical*
Demaree, K. B., *Dir. Col. Dept.*
Demont, A. M., *Mgr. Prog. Dev.*
DePauw, J. F., *Tech. Employ.*
Derby, E. M., *Man. Educ.*
Derry, S. A., *Pres.; C. E.; Coop. Eng.*
Deschere, A. R., *Gen. Mgr.; M. E.*
de Urzaiz, L., *Pres.; Arch.; Eng. Dr.*
Devor, E., *I. E., Facilities Engr., Quality Control*
Dewing, M. M., *Dir. Empl. Devel.*
De Young, R., *V. P.; Ind.*
Dickinson, R. K., *Proj.-Anal.*
Dixon, H. S., *Consult. Engr.; E. E.*
Doanides, P. J., *Vice Pres.; C. E.*
Doman, C. T., *Natl. Serv. Mgr.; Gen.*
Donovan, T. J., *Pers. Rep.*
Dorr, J. V. N., *Chrmn Brd.; Chem.*
Draper, A. B., *Mech. & Mat.*
Draper, C. R., *Mgr.; I. E.*
Dreher, G. K., *Mkt. Dev. Dir.*
Dreier, T., *Mgr. Metal. Lab.*
Dubois, J. P., *Editor*
DuBose, L. A., *Dir. Engr.; C. E.*
Duke, E., *Manuf. Rep.*
Duncan, R. C., *Employee Relations*
Dwon, L., *Mgr.; E. E.*
Earle, C. R., *Mechanical; Man. Editor*
Ebaugh, N. C., *Cons. Engr.*
Ebert, C. H., Jr., *Mgr., Univ. Rel.; Ind.*
Eckstrom, H. T., *Mgr. Ind. Educ. Rel.; Human.-Soc. Stud.*
Edwards, F. W., *Mgr.; Cons. Engr.*
Edwards, J. C., *Indus. Eng.*
Elbin, G. H., *Engr.; Civil*
Elder, G., *Col. Empy. Coord.*
Elitharp, R. M., *Spec., Engr. Educ.; E. E.*
Elliott, H. Y., *Div. Supv.; Communications*
Ellis, P. G., *Asst. to Pres.*
Emch, P. I., *Mgr.*
Emerson, R. A., *Ind. Rel. Supv.*
Enell, J. W., *Administrator; Industrial*
Enslow, R. M., Jr., *Editor; Aero. E.*
Erdoss, B. K., *Pres.*
Estcourt, V. F., *Gen. Supt.*
Ettinger, R. P., Jr., *Pres.; Eng. Editor*
Evans, D. A., *Supv. Eng.*
Evans, F. H., *Industrial; Retired*
Everill, R. T., *Personnel, Psych.*
Fabian, R. C., *Super. Univer. Rel.*
Fairman, F. I., *V. P. Cust. Serv. & Adv.; I. E.*
Falls, E. K., *Supervisor; Thermo. & Power*
Famularo, J. J., *Dir. Employ. Rel.*
Farnham, G. W., *Vice Pres. Engr. Bks.; I. E.*
Fasake, W. E., *Tech. Proj. Repr.*
Faunce, S. F., *Dir. Res.; Min. Tech.; M. E.*
Ferguson, S. A., *Mgr.*
Ferris, E. A., *Supr. Train.; M. E.*
Ferry, A. L., *Br. Mgr.*
Field, C., *Pres.*
Fischer, R. J., *Gen. Pers. Supv.*
Flanagan, L. E., *Supr.; Aero.*
Flarity, E. C., *Tech. Pers. Rec.*
Fleming, A. P. M., *Dir. Res. & Educ.*
Fletcher, L. J., *Agr. Engr.*
Flipse, J. E., *Naval Arch. & Marine Engr.*
Fober, F. C., *Tech. Inst.*
Foncannon, H. F., *Training Scientists and Engrs., G. E.*
Foster, E. L., *Pres.; Res. & Devl.*
Franck, C. C., *Cons. Engr.*
Frangipane, L. J., *Ind. Engr.*
Fremed, R. F., *Assoc. Editor*
Fry, T. C., *Asst. to Pres.*
Fryling, G. R., *Assoc. Ed.; M. E.; Thermo. & Power*
Fuller, G. M., *Mech.; Aero.*
Fuller, W. D., *Chf. Engr.; Electrical*
Funchess, L. E., *Dir.; C. E.*
Furia, J. J., *Industrial*
Galbraith, E. P., *Mgr. Tech. Pers. Place.*
Gallaschun, G. F., *Supt. Place. & Empl.*
Gallant, R. A., *Super.; Mech. & Mat.*
Gammell, J., *Dir.; Personnel*
Gates, R. M., *President*
Gaty, L. R., *V. Pres., G. E.*
Geils, J. W., *Asst. V. P.; E. E.*
Gibson, G. W., *Chief Engr.; M. E.*
Gibson, N. W., *Pers.; Ind.*
Gillespie, S. L., *Personnel*
Gift, W. E., *Supt. Personnel; Chem. E.*
Gitzendanner, F. A., *Assoc. Dir.; Eng. Econ.*
Glass, E. G., Jr., *Coord. Recruit.*

Goethe, S. P., *Cons. Engr.; Mech.*
Goetzenberger, R. L., *Educ. Cons.; M. E.*
Goldstein, H., *Chf.; Labor Statistics; Econ.*
Gorder, L. O., *Dev. Engr.*
Gordon, P. B., *Vice Pres.; Mechanical*
Gould, M. I., *Tech. Pers.; Chem.*
Gouldthorpe, H. W., *Mgr.; E. Pers.*
Graffius, P. H., *E. Professional & Tech. Pl. Rep.*
Grant, L. F., *Field Secy.*
Graves, H. P., *Vice President*
Green, C. H., *Bd. Chm.; Geoph. E.*
Green, W. P., *Dir. M. E. Res.*
Gregory, D. R., *Col. Repr.*
Greiner, O. A., *Admin. Mgr.; I. E.*
Griffis, L., *Dir. Mech. Res. Dept.*
Gross, O. L., *Elec. Design Supvr.; E. E.*
Grove, C. G., *Resident Engr. Civil*
Guldberg, O., *Mgn. Director*
Gumpterz, W. H., *Pres., Cons. Engr.; C. E.; Arch. Engr.*
Haas, W. M. B., *Lias. Engr.; Aero.*
Hall, C. A., *Asst. Coord.*
Hall, J. W., *Mgr.*
Haller, G. L., *Gen. Mgr., Def. Elec.*
Hamilton, E. P., *Chm. of Board*
Haning, J. O., *Proj. Engr.*
Hanrahan, F. J., *Civil; Ex. V. P.*
Hansen, H. J., *Editor; E. E., Power*
Harder, K. C., *Personnel*
Harkness, D. H., *Sales Mgr.; Surveying*
Harris, L. J., *Asst. Mgr.*
Harrison, J. B., *Vice Pres.; Mechanical*
Harrold, R. A., *Mgr.; Hum.-Soc.*
Hart, M. T., *Supv. Eng. Train.*
Hartford, A. F., *Supv. Empl. Rel.*
Hartley, H. W., *Asst. Dir.*
Hawkes, J. B., *Supv. Eng. Train.*
Hawkins, H. V., *Asst. Dir. Res.; C. E.; Aero. E.*
Head, Dr. J. W., *Pres.*
Healy, J. J., *Dir.; Chem.*
Heard, M. E., *Dir. Res.; V. P.*
Hearn, E. E., *Dir. of Emp.*
Heath, H. E., *Chief College Relations*
Hedinger, H. E., *Supvr., E. Dr., Ind.*
Hehner, L. A., *Advr. & Sales Mgr.; Mat.*
Hellwarth, A. R., *Asst.Dir.; Elec.*
Helstrom, H. A., *Aero. & Aero. Engr.*
Hemenway, A. A., *Proj. Engr.; Aero. Engr.*
Henline, H. H., *Emer. Sec. A.I.E.E.*
Herod, W. R., *President*
Hertenstein, H. N., *Supv. Eng. Train.; Aero.*
Hertz, D. B.
Hickox, G. H., *Dir. Res.*
Hicks, H. B., *Mgr.*
Hill, C. B., Jr., *Supv. Emp. & Tr.; Chem.; Ch. E.*
Hill, J. A., *Asst. V. P.; Met.*
Hill, W. D., Jr., *Coord. Coop. Prog. Eng. Pers.*
Hill, W. S., *Mgr.; Tech. Recruiting*
Hinckley, A. D., *Managing Dir.; Illum.*
Hinkley, J. W., *Pres.; I. E.*
Hirsch, F., *Chf. Engr.; M. E.*
Hobbs, R. P., *Vice Pres.*
Hobson, J. E., *V. P.; Res. Dir.; E. E.*
Hockaday, O. S., *Dir. Pers. Rel.*
Hoehne, W. H., *Vice Pres.*
Holcomb, D. E., *Dir. Res.*
Holder, W. G., *Supv. I. E., Methods & Stand.*
Hollyday, J. M., *Mgr.; Pers. & Col. Rel.*
Holmes, J. B., *Mgr. Tech. Rec.*
Horner, H. M., *President*
Hotchkiss, J. G., *Dis. Eng. & Sec.*
Houghton, H. C., *Asst. to Pers. Mgr.*
Howard, G. W., *Tech. Dir.; G. E.*
Howard, J. H., *Dir.; Bus. & Tech. Pers; Chem.*
Hoye, F. W., *Gen. Mgr.*
Hoyt, H. C., *Pers. Rep.; I. E.*
Hubler, J. W., *V. Pres. Eng.; Struc.*
Hulley, O. S., *Cons. Mfg. Train. & Educ.*
Hunsbedt, T. N., *Dir. Admin.; Atomic Energy*
Hunt, L. W., *Physical Chem.*
Hutchisson, E., *Dir.; Physics*
Hutton, H. G., *N.E. Regional Mgr.*
Ingram, S. B., *Dir. Educ. & Tr.; E. E.*
Irwin, D. E., *Mgr. Recruitg.*
Jackson, D. C., Jr., *Chief, Sa. Tr.; Electrical*
Jaeger, D. T., *Pers.*
James, F. L., *Dir. Safety Dept.*
Jeffries, R. J., *Asst. to Pres.*
Jendrynski, H. J., *Dev. Engr.; Chem. E.*
Jenks, R. E., *Asst. Coord. Rec. Chem. Eng.*
Jennings, B. H., *Dir. Res., Heat. & Air Cond.*
Jensen, R. C., *Eng. Managmt.*
Jerde, R. S., *Col. Employ. Supv.*
Jessup, W. E., *Ed. C. E.*
Johnson, C. G., *V. P. & Dir.*
Johnson, E. E., *Gen. Mgr. Gen. Eng.*
Johnson, Erle E., *Professional Employ.; G. E.*
Johnson, F. E., *Director, Ret.*
Johnson, M. C., *Editor; C. E.*
Johnson, R. E., *Mgr.; Control; Nuclear Con.*
Johnson, W. E., *Mgr.; Elec.*
Johnston, T. J., *Sch. Rel. Supr.*
Jones, A. M., *Specialist Eng. Edu.*
Jones, J. E., *Manager, Rec. & Sel.*
Jones, R. L., *Senr. Adm. Asst.*
Kadushin, J., *Supv. E. E.; Aero. Eng.*
Kaletta, R. F., *Tech. Place. Super.*
Kampmeier, R. A., *Electrical; Hyd.*
Kattwinkel, O. F., *Spec. Asst. to Dist. Chf.*
Kececioglu, D. B., *Asst. Dir. M. E.*
Keith, W. E., *Supv.; Electrical*
Kertis, A. J., *Pers. Dir.; Hum.-Soc.*
Kilgore, H. H., *Math.*
Kirchner, J. W., *Elec. E., Mgr.*
Kirk, F. S., *Sec. Chf.; Comm. E. E.*
Kirkbride, C. G., *Pres.; Chem.*
Kirkpatrick, S. D., *Chem. Engr.*
Kishibay, C. O., *Hd. Res.; M. E., Appl. Mech.*
Kline, D. F., *Supv.; Eng. Train. & Ed.*
Knickerbocker, L. L., *College Interviewer*
Knight, O. S., *Chief Engr.; Ch. E.; Mach. Des.*
Knopf, W. C., *Mgr.; Physics*
Koepke, C. A., *Supervisor; Industrial*
Koerper, E. C., *Vice Pres.; Mech.*
Koos, P. V., *Pers.; Elec.*
Krajovic, J. J., *Coord. Col. Rel.*
Krans, D. H., *Mgr., Thermo. & Power*
Krieger, Jr., H., *Adm. Eng. Pers. Rel.*
Kroeger, H. R., *Proj. E.*
Kuhns, J. L., *Ed. Coor.*
Landall, L. B., *Mgr. Prof. Pers.*
Lansing, N. F., *Hd. Res. Reactors; Phys.; M. E.*
Larkin, W. H., *Mgr.; M. E.*
Larsen, L. W., *Train. Coord.; Pers. Ind. Ad.*
Larson, E., *Pinr., Cons. Engnr.*
Lawall, C. B., *Consult.; Ind. E.*
Leamer, F. D., *Per. Dir.; Physics*
LeClair, T. G., *Mgr.; E. E.*
Lee, C. F., *Personnel*
Lee, E. S., *Editor; Mgr. Tech. Rel.*
Leggett, J. L., Jr., *Part. Cons. Engr.*
Leister, V. B., *Personnel; Industrial*
Leng, R. B., *Vice Pres. Tech. Prod.; Electronics*
Lester, B., *Mgmt. Hum.-Soc. Studies*
Lewis, F. F., *V.P. & Genl. Mgr.*
Lewis, F. T., *I. E.*
Lewis, J. F., *Elec.; Power; Trans.*
Lewis, R. M., *Gen. Supv. Pers.*
Liming, R. A., *Supv.; Aeronautics*
Linder, C. H., *V. P.; Engrg.*
Lindsay, R. W., *Vice President*
Linn, M. K., *Sup. Case Costs & Pers. Div.*
Linville, T. M., *Mgr. Res. Oper.; E. E., Power*
Lippert, F. G., *Pers. Dir.*
Lisk, H. H., *Dir. Pub.*
Little, F. H., *Dev. Eng.*
Little, S. M., *Employ. Adm.*
Lobingier, G. D., *Mgr., Ed.*
Lott, A. O., *Senr. Designer; Power*
Loughridge, D. H., *Spec. Exec. Asst.*
Lowe, G. B., *Engr.*
Lucas, R. T., *Co. Mgr., Phys., Engr. Dr.*
Lufkin, J. M., *Admin. Sys. Anal.; English*
Lundeen, R. W., *Super. Process & Plan. Sec.*
Lutz, S. G., *Head Commun.; Elec.*
Lux, W. E., *Coord.; Chem.*
MacKenzie, J. M., *Mfg. Proc., Ind. E.*
Madlon, E. A., *Mgr. Engr. Job Tr.*
Magnuson, E. E., *Pres.; Plastics Extrusion*
Majde, S., *Cons. Engr., Devel. & Bus. Mgt.*
Manning, M. L., *Devel. Engnr; Electrical*
Markwood, M. H., *Asst. Vice Pres. of Pers.*
Maser, H. T., *Administrator; Electrical; Pers*
Masnaghetti, R. K., *Mgr.; E. E.*

Mason, H. L., *Supv. Gen. Engr.; M. & E. E.*
Massard, E. J., *Mgr.; M. E.; Mach. Des.*
Mathews, K. W., *Mgr. College Dept.*
May, J. W., *Dir. Tech. Train.; M. E.*
Mayer, H. C., Jr., *Ed. Spec.; Math.*
McClain, C. H., *Proj. Eng.*
McClaren, G. D., *Personnel; Administrator*
McCoole, R. F., *Tech. Pers. Mgr.*
McCulloch, F. W., *Mgr. Col. Rel.*
McCurdy, H. B., *V. P.; Mgr.*
McEvoy, J. K., *Mgr. Train., Coord. Shop E.*
McFall, R. W., *Mgr. Spec. Defense Proj.*
McIlvain, J. M., *Dir.; I. E.*
McKean, J. P., *Engineering Econ.; I. E.*
McKee, R. E., *Train. Dir.; Mfg. Proc.*
McKeon, J. C., *Dir. Train.*
McLenegan, D. W., *Personnel; Thermo. & Power*
McLeod, A. H., *Field Repr.; Math.; Physics*
McWilliams, R. L., *Staff Asst.*
Mead, H. W., *Pres.*
Meade, K. A., *Dir.; Ed. Rel.*
Medford, W. E., *Personnel; Chem. E.*
Mees, R. T., *I. E., Engr. Educ.*
Meixner, H. N., *Dir.; M. E.*
Mannix, F. L., *Pers.*
Mellow, E. W., *Manager, C. E.*
Mentz, P. S., *Pers.*
Merchant, W. H., *Coord.*
Michael, F. R., *Ed. &Train.*
Michaelson, J. L., *Consultant*
Midgette, E. L., *Dir. of Eng. & Res.*
Miller, B. J., *Asst. Mgr., Res. Admin.*
Miller, D. B., *Mgr. Admin Serv. Engr. Econ.*
Miller, E. W., *Pres., Research & Develop.*
Miller, H. M., *Mgr.*
Miller, J. A., *Supvr. Tech. Train.; M. E.*
Miller, J. I., *Editor*
Miller, M. L., *Place.*
Miner, H. R., *Owner, Air Conditioning*
Mitchell, W. G., *Ch. Des. Engr.; C. E.*
Mitchell, W. H., *Exec. Dir., Chem.*
Moen, W. B., *Asst. Dir. Met. Res.*
Monteith, A. C., *Vice Pres.; E. E.*
Montillon, G. H., *Des. Dev.; Ch. E.*
Moody, A. M. G., *Chf. Engr.; Mechanical*
Moore, G. E., *Mgr. Grad. Stud. Tng.*
Moore, R. F., *Per. Dir.*
Moran, J. F., *Staff Supv.*
Morier, H., *Leg. of Switzerland*
Morris, C. D., *Empl. Mgr.; Phych.*
Morris, E. W., *Elec.; Mgr.*
Morris, L. P., *Chf. Engr.; Radio Comm. Systems*
Morris, S. B., *Hydr.; Power*
Moulton, J. B., *Pers. Supv.*
Mudge, W. A., *Spe. Rep. Edu. Prog.; Met.*
Muhlenbruch, C. W., *Pres.; Ind. Rel.*
Mullin, G. E., *Mgr. Tech. Rec.*
Munl, H. W., *Asst. to Pres.; Indus.*
Murphy, E. F., *Chief Res. & Devel.*
Murphy, Fred, *Editor*
Murphy, J. W., *Engineer; Industrial*
Nerden, J. T., *State Supv. Tech. Inst.*
Noble, W. B., *Vice Pres. Engr.*
Noel, S. Q., *Pres; Electronics, TV*
Noggle, L. H., Jr.
Nolan, W. M., *Recruit. Mgr.; Chem.*
Noreen, A. E., *Supv., Aerothermochemistry*
Norton, M. E., *Pers.*
Norton, P. T., *Industrial*
O'Brien, E. W., *Vice Pres.*
O'Connell, D. J., *Pres., Mech. & Mat., Struc.*
Oden, E. C., *Chf. Proc. Engr.; Ch. E.*
Ogburn, S. C., Jr., *Manag. Consul.; Ch. E.*
Olson, O. A., *Owner; Mfg. Proc.*
Olson, R., *Aero. & Aero. E.*
Opdyke, J., *Civil Engr.; Draw.*
Oppenheimer, F., *Pres.*
Orgelman, G. H., *Pers. Dir.; Electronics, Indus.*
Osborne, H. S., *Chf. Engr.; Electrical*
Otter, J. V., *Cons. Engr.; Struc.*
Oxford, C. J., Jr., *Res. Dir.; M. E.*
Painter, R. J., *Exec. Secy. ASTM; M. & M.*
Palmer, D. M., *Consulting Engr.; M. E.; E. E.*
Panian, G. W., *Asst. Manager Tech. Recr.; Chem.*
Parker, B. H., *Vice Pres.; Min.*
Parker, M. E., *Pres.*
Parry, R. E., *Spec. Educ. Prog.; E. E.*
Parry, S. R., *Asst. Gen. Mgr.; Gen.*
Parsons, J. W.
Patnode, W. I., *Consult., Ch. E.*
Patrick, J. S., *Mang. Tech. Dept.*
Pattison, R. E., *Mgr.; Mechs.*
Paulson, F. H., *Partner & Mgr.*
Pearce, C. T., *Mgr.*
Pease, D. A., *Supr.*
Pease, S. L., *Mgr.; Min. Tech.*
Pecsok, J. D., *Tech. Person. Mgr., Human.-Soc. Studies, Psych.*
Peters, R. E., *Control.*
Peters, R. E., *V. Pres.; I. E.; C. E.*
Petrie, G. W., *Mgr. Math.; Mech.*
Phelps, E. D., *Mgr. Pers. Res. & Devel.*
Pilkey, O. H., *Mgr.*
Pitts, C. E., *Specialist, Educ. & Tr.*
Plehn, B., *Consult. Engr.; C. E.; M. E.*
Plummer, F. L., *Nat. Sec.; Struc.*
Porter, R. W., *Consult. Comm. & Control*
Post, J., *Administrator*
Potter, M. B., *Vice Pres., Consul. Eng. & C. E.*
Powell, G. L., *Asst. Chf. Engr.*
Powell, K. A., *Supv.; Mfg. Proc.*
Powers, M. L., *Personnel; Industrial*
Powers, M. W., *Dir. Physical Plant*
Powers, P. N., *Pres.; Phys.; Atomic Energy*
Pratt, D. F., *Dir. of Training*
Prentice, D. B., *Dir.*
Preston, A. D., *Tech. Pers. Mgr.*
Prian, V. D., *Design Specialist*
Prior, T. W., *Dir. Train.*
Probst, G. E., *Exect. Dir., Human.-Soc. Stud.*
Profitt, R. P., *Pers.; Gen.*
Pryor, K., *Exec. Asst. to Vice Pres. & Gen. Mgr.*
Puchstein, A. F., *Cons. Engr.; Elec.*
Pyke, D. L., *Hd. Place. & Recruit.; Mech. & Mat.*
Quackenbos, H. M., *Pers. Admin.*
Quarles, G. G., *Dir. O.R.L. Gen. Engr.*
Quereau, J. F., *Dir. Mft.; M. E.*
Quick, R. T., *I. E. Supvr.; Aeron.*
Rader, L. T., *Mgr.; Electrical Control*
Ragland, R. K., *Chf. Ind. Engr.; I. E.*
Ralph, J. R., *Gen.; Mach. Des.*
Rath, E. R., *Ex. V.-Pres.; Power*
Rau, A. H., *Consul. Eng. Serv.*
Raudebaugh, R. J., *Hd. Sec.*
Rawles, C. M., *Supv. Recruitment; Elec. E.*
Raymond, J. D., *Pers. Adm.*
Reed, A. L., *Dir. Ind.-Educ. Rel.; English*
Reid. C. T., *Dir. of Eng.*
Reinhart, G. C., *Dir.; H. S.*
Remmers, W. E., *V. P.; Chem. E.; Chem.*
Rendel, T. B., *Asst. to Vice Pres.*
Renshaw, A. H., *Asst. Ed.; M. E.*
Reynolds, W. E., *Pres.; C. E.; History; Math.*
Rhodes, T. J., *Research; Mech.*
Rice, H. T., *Coord. Prof. Employ; Coor. Coop.*
Rietz, G. A., *Mgr. Ed. Program Dev.*
Rinehart, H. W., *Personnel; Chem.*
Rittenhouse, J. W., *Tech. Dir., E. E.*
Rizzi, A. V., *Pres.; Structural*
Robbins, P. H., *Exec. Dir., NSPE*
Roberts, D. S., *Mgr.*
Roberts, J. K., *Gen. Mgr.; Res.; Petr.*
Roberts, W. H., *Sr. Eng.; Thermo. & Power*
Rodman, G. E., *Ed. & Tr.*
Roever, F. H., *Proj. Adm. Engr.*
Rogers, B., *Gen. Mgr., Sec.; Fluid Power Eng.*
Rogers, H. B., *Exec. Sec.*
Rohr, W. G., *Asst. Main. Engr.*
Roldan-Gallardo, D., *Tech. Dir.*
Roper, K. H., *Capt.; Aero. E.*
Rose, A., *Asst. Mgr.; Ch. Engr.*
Ross, J. B., *Mgr. Coll. Dept.*
Rosselot, G. A., *Assoc. Dir.*
Rossi, B. E., *Exec. Sec.; Mech. & Mat.*
Roys, P. F., *Dir.*
Ruley, B. A., *Supv. Appl. Mech.*
Russell, C., *Gen. Mgr.*
Russell, J. B., Jr., *Mgr. Eng. Anal.; E. E.*
Russell, R. M., *V. P.*
Ryan, W. F., *V. P. & Engrg. Mgr.; Mechanical*
Sackett, R., *Publisher*

Saline, L. E., *Regional Mgr.*
Sanders, J. C., *Personnel*
Sanford, F. E., *Consult. Engr.; E. E.*
Saros, T. A., *Assoc. Editor; English*
Satterthwaite, F. E., *Statis. Cons.*
Saunders, D. R., *Res. Assoc.*
Sauter, H. E., *Supv. Res. Info.*
Savage, C. F., *Cons.-Prof. Rel.; E. E.*
Savage, R. L., *Vice Pres., Res. & Devel.; Ch. E.*
Saville, T., *Hydraulic; Sanitary*
Schad, C. R., *Administrator*
Schart, W. J., *Chf. Comput. Labs.*
Schmitter, W. P., *Vice Pres.; Chf. Engr.; Mech.*
Schuyler, R. T. E., *Area Mgr.*
Scott, S. L., *Pers.; Chemistry*
Sebastian, H., *Publisher's Repr.; G. E.*
Seltzer, N., *Ind. Rel. Res. Anal.*
Sessums, R. T., *Asst. to V.P.; Civil*
Seymour, A. M., *Mgr. Tech. Ser.; E. E. Power*
Shackleton, S. P., *Consult. Comm. & Train.*
Shannon, S. S., *Publishers Rep.*
Shaw, H. W., *Gen. Mgr.; Tech. Ed.*
Sheldon, H. E., *Pers. Supervisor*
Sherill, A. C., *Asst. to Works Mgr.*
Sherman, W. R., *Supv. Field E.; Electronics*
Sherwood, R. S., *Mgr. Eng.*
Shive, J. N.
Shook, P. S., *Des. Cons.; Dr.*
Short, W. C., *Engr. Manpower Control Repr.*
Sibila, A. I., *Chf. Eng. Pers. Aero. E.*
Siegfried, V., *Chf. Res. Engr.; Elec.*
Sievers, G. A., *Pres.*
Silvern, L. C., *Phys.*
Simmons, E. E., *Pres.; Min., E. E., M. E.*
Simons, H. C., *Prog. Coord.*
Simpson, H. B., *Tech. Editor; English*
Sims, B. W., *Train. Spec.*
Sims, M. W., *Mgr., Engr. Train. & Educ. Engr.; E. E., M. E.*
Skatrud, R. O., *Mgr. Engr.*
Skelley, C. L., *Vice Pres.*
Skromme, L. H., *Chf. Engrg. Agr.*
Slagle, J. R., *Supr. Educ. & Traing.*
Smith, E. C., *Chf. Met., Dir. Res.*
Smith, G. B., *Supv. of Drafting*
Smith, H. P., *Personnel; Physics*
Smith, J. F. D., *V. P.*
Smith, L. P., *Pres., Eng. Phys.*
Smith, M. K., *Deprec. Engr.*
Smith, R. C., *Person. Coord.*
Snyder, H. R., *Coor. Gen. & Ind. Ed.*
Snyder, J. S., *Vice Pres.*
Sold, G. A., *Sr. Pers. Asst.*
Sollenberger, R. C., *Exec. Vice Pres.; Mech.*
Spitzer, C. F., *Mgr. Diel. & Mag. Devices, E. E.*
Sprenkle, R. E., *Dir.; M. E.*
Squire, E. J., *V. P.; Consult. Engr.; C. E.*
Stace, F. N., *Mng. Editor; E. E.*
Stallman, E. B., *Pers. Supv.*
Stanley, R. L., *Exec. Sec.*
Stashak, G. J., *Publisher's Rep.*
Statt, C. J., *Mgr.; Tech. Inst.*
Steele, W., *President*
Stein, I. M., *Pres.; Electrical*
Stetson, G. A., *Editor*
Stiff, R. S., *Col. Rel. Repr.; Coord. Coop. E.*
Stoddard, R. J., *Vice Pres.*
Stoll, C. B., *Editor*
Stone, L. E., *Pers. Mgr.*
Stone, W. G., *Asst. Vice Pres.*
Stout, T. M., *Mgr.; E. E.*
Strandh, E. S., *Sci. Adv. Swedish Embassy*
Street, J., Jr., *Staff Dir.*
Sturm, R. G., *Sr. Partner, Consult. E.*
Stutzman, L. F., *Dir., Dig. Comp. & Chem. E.*
Swain, P. W., *Cons. Ed.*
Swanson, R. E., *Personnel*
Swift, R. G., *Dir.; E. E.; Comm.*
Szego, G. C., *Mgr.; Ch. E.; Chem.*
Tatman, W. R., *Dir. Col. Rel.*
Tatnall, F. G., *V. P. & Gen. Mgr.*
Taylor, B. M., *Mgr. Pers.*
Taylor, J. W., *Vice Pres., Col. Dept.*
Taylor, K. A., *Res. Dir.*
Teffeau, G. K., *Tech. Editor; Supv. Junior Engr. Train. Prog.; Aero.*
Terwilliger, C. F., *Personnel*
Thielen, E. J., *Asst. Supr. Engr. Tr.; E. E.*
Thielhelm, H. W.
Thomas, D., *Mgr. Col. Rel.; Ch. E.*
Thomas, W. E., *Supr.; Engr. Gr.*
Thomassen, H. S., *Editor; Tech. Institute*
Thompson, J. J., *Mgr. Pers.*
Thompson, J. S., *Vice Chm. Board Ret.*
Thompson, O. I., *Dir. Res. Tr.; Electr.*
Thoren, T. R., *Dir. of Engr., Res. & Devel.; Mech. & Mat.*
Tice, L. W., *Pres. & Ch. Board*
Tilghman, H., *Lawyer*
Tilley, R. J., *Assoc. Editor*
Timby, E. K., *Partner; C. E.; Transp.; Struct.*
Toben, B. E., *Mgr. Engr. Lab.; M. E.*
Tompkins, H. E., *Proj. Engr.*
Toran, N. E., *Proj. Engr.; Mech.*
Tornquist, T. E., *Sales*
Tower, M. E., *Counselor*
Tracy, M. B., *Pers.*
Travis, I., *V. P. Res.*
Trefry, D. E., *Stf. Engr.; Elec.*
Trolsen, T. N., *Tech. Rec.*
Truax, C. N., *Hd. E.; Mining E.*
Truhn, K. W., *Coord. Coop. Engr.; Engr. Dr.*
Tucker, W. H., *Engr.*
Twiss, F. E., *Engr. Adv.; Constr. Engr.*
Tyler, E. J., *V.-Pres.*
Ulmer, W. G., *Personnel*
Upson, J. F., *Pub. Repr.*
Vaccaro, M. J., *Personnel; Aeronautics*
Vail, R. S., *Vice President; Mechanical*
Vallender, S. C., *Pers. Mgr.*
Van Fleet, R., *Pers. Mgr.*
Van Horn, J. R., *Mgr.; Physics; Nuclear Eng.*
Van Rennes, A. B., *Supr. Nuclear Tech.*
Vargo, J. E., *Educ. Dir. & Gen. Sales Mgr.*
Vaughan, F. E., *Sr. Part.*
Veal, C. B., *Owner; M. E.; Coor.*
Virtue, B. T., *Vice Pres.; Aero.*
Von Fischer, W., *Coord. Res. & Devel.*
Wagner, G. B., *Gen. Tech. Serv.*
Wagner, W. O., *Cons. Engr.; Civil*
Waitkus, J., *Mgr.*
Wallace, R. P., *Chief Patent Engr.*
Ward, S. H., *Chem. Engr.*
Warner, D. F., *Pers.; Electronics*
Waterhouse, L. J., *Sales Mgr.*
Waters, E. W., *Asst. to V. P.; Electrical*
Watson, A. J., *Photo. Engr.*
Watson, C. E., *Asst. Dir., Coop. Eng. Educ.*
Watson, E. W., *Consult. Engr.*
Watson, H. M., *Radio Eng.*
Watson, K. M., *Vice Pres. Res. & Devel.*
Watts, C. T., *Asst. Dir.; C. E.*
Weaver, J. B., *Mgr.; Engr. Econ.*
Weaver, R. H., *Director, Ind. Rel.*
Webb, V. H., *Editor*
Weber, A. W., *Dir. E.*
Weber, E., *Pres.; E. E. Physics*
Welch, H. W., Jr., *Dir. Research & Develop.; Electronics; E. E.*
Welch, W. R., *Associate Editor*
Wells, E. C., *V. P.; Aero. & Aero E.*
Wendt, W. E., *Spec. Tech. Pers.*
Wenk, L. P., *Dir. Pers. & Train.*
West, J. T., Jr., *Exec. Sec.; M. E.; Thermody.*
Weysser, J. L. G., *Consulting E.; Mining*
Wheeler, W. A., Jr., *Plt. Engr. Mech.*
Wheeler, W. H., *Struc., Arch. E.*
Whigham, W., Jr., *Asst. Ex. V. P.*
Whipple, W. G., *Tech. Recruit.*
Whitehorne, R. A., *Mgr. Pers.; E. E.*
Whitson, L. S., *Director; Industrial*
Whitted, H. E., Jr., *Asst. Super.*
Whitworth, B. J., *Gen. Supv.*
Wight, C. L., *Des. Engr.*
Wight, J. W., *Gen. Mgr.*
Wild, J. M., *Aero. Dir.*
Wiley, G. E., *Gen. Pers. Supv.*
Wiley, W. B., *Pres.*
Wilk, H. A., *Coord. Col. Co-op.*
Williams, R. M., *Dir., Aero. Elect., Tech. Inst.*
Willson, C. A., *Res. Engr.*
Wilson, H. D., *Personnel; Elec.*
Wilson, J. S., *Management Counsel; Ch. E.*
Winslow, S. L., *Partner; Ind. Mgt.; I. E.*

Wolfe, J. K., *Mgr. Adv. Degr. Personnel*
Wolff, I., *V. P.; E. E.*
Wolpert, N. N., *Associate Editor*
Womack, C. C., *Administrator; Ind. Eng.*
Wood, E. C., *Gen. Mgr.*
Wood, H. A., *Supv.; Aero.*
Work, L. T., *Cons.; Chemical*
Worthington, C. G., *Secretary*
Wright, O. L., *Mgr.; E. E.*
Yadoff, O., *Pres.; Dir. of Res.*
Yates, E. L., *Person. Staff*
Yingst, J. E., *Asst. Mgr.; M. E.; Automotive*
Zeigler, K. I., *Editor*
Zimmerman, J. F., *Dir.; Ch. E.*
Zsuffa, L. F., *C. Proc., Tech. Asst.*

AERONAUTICS

Akerman, J. D.
Alexander, Nicholas, *Math.*
Allen, H. F., *General*
Alsmeyer, W. C., *Structural*
Anderson, C. A.
Anderson, E. W., *Math.*
Andes, A. S., *Mechanical; Therm. & Power*
Arenz, R. J.
Armentrout, P. C., *Supr. Engr. Tr.*
Babits, G. F., *M. E.*
Backer, G. H., *Physics*
Baker, R. D., *M. E.*
Barzelay, M. E., *Mech. & Mat.*
Behr, A. N.
Biggers, H., *Phys.*
Bisplinghoff, R. L.
Boehnlein, C. T., *Mech. & Mat.*
Bollay, Wm., *Pres.*
Bolz, R. E., *M. E.; Thermo. & Power*
Borg, S. F., *Mechanical*
Boulton, B. C., *Exec. Asst. to V. P.*
Briggs, W. W., *Air Trans.*
Broadston, J. A., *Rocket Power*
Brown, B. F., *E. E.*
Bruhn, E. F., *Materials*
Bryan, C. H., *General*
Burlage, H., Jr., *Dir. Propulsion Lab., Jet Eng.*
Burroughs, K. L., *Dir.; Tech. Inst.*
Bursik, J. W.
Calhoun, J. D., *Thermo. & Power*
Campbell, R. G., *Aero. E.*
Cargnino, L. T., *Ind. E.*
Chieri, P. A., *Thermo. & Power*
Cleary, J. J., *M. E.*
Clementson, G. C., *Aerodynamics*
Cliett, C. B., *Mech. & Mat.*
Coan, J. M., *Civil; Structural*
Comp, L. A., *Structural*
Cook, E. L., *Mech. & Mat.*
De Groff, H. M.
Deptula, A. R., *Civil; Struc.*
Dill, E. H.
Dirende, J. S., *Machine Design*
Dodge, H. L., *Physics*
Doman, C. T., *Industrial*
Dominque, E.
Drinkwater, W. D., *Mechanics*
Draper, C. S., *Head Aero.*
Durham, F. P., *Nucl. Eng.*
Dutton, D. W.
Eastman, F. S.
Edwards, F. S., *Mech. & Mat.*
Elnan, O., *Aero. Eng. & Math.*
Fairbanks, A. J.
Faulders, C. R., *Aero. E.; M. E.*
Fehrman, A. L., *Aero., Mech. Eng.*
Feigen, M., *Mechanics & Materials*
Fejer, A. A., *Thermo. & Power*
Finlayson, F. S., *Machine Design*
Flanagan, L. E., *Res.*
Fuller, G. M., *M. E.*
Ganzer, V. M.
Gerard, G., *Mech. & Mat.*
Gilmore, A. W.
Greenwood, D. T.
Gross, D. S., *Dir.*
Guess, A. L.
Gustafson, L. W., *Aero. E*
Haneman, V .S., Jr., *Mech. & Mat.*
Harrington, R. P., *Mech. & Mat.*
Hawkins, H. V., *Struc.*
Hawthorne, Q. J., *Mechanics*
Hemenway, A. A., *Humanistic-Social*
Herrick, T. J., *Mech. & Mat.*
Hertenstein, H., *Aircraft Mfg.*
Higgins, G. J., *Aero. E.*
Hilton, H. H., *Mechanics*
Hnatiuk, B. T., *Jet Propulsion*
Hoehn, W. J., *Tech. Inst.*
Hoff, N. J., *Mechanics*
Hoffmann, H. K., *Ed. Spec.*
Hollub, R. M., *Mech. & Mat.*
Hoover, J. W., *Aeronautics*
Horn, E. R., *M. E.; Eng. Dr.*
Hughes, C. S.
Hunt, D. C.
Inman, R. M.
Jackson, W., *Aeron.; Fluid Mec.*
Jahn, W. H., *Transp.*
Johnson, L. V., *Physics*
Jones, B.
Joppa, R. G.
Kaufman, J. J., *Des.*
Keister, P. H., *Mech. & Mat.*
Ketcham, B. V., *I. E.*
Kline, D. F., *Mech. & Mat.*
Klotz, J C., *Mech. & Mat.*
Kramarsio, R. J., *M. E.*
Kuethe, A. M.
Lancaster, O. E., *Aero. E.; Math.*
Lange, K. O., *Dir.*
Latvala, E. K., *M. E.*
LeBlanc, L. P., *Math.*
Leutzinger, R. L., *Applied Mech.*
Lew, H. G., *Aero. Eng.*
Lewellen, J. G., *Math.; Draw.*
Lin, T. H., *Mech. & Mat.*
Linnell, R. D., *Aero.; Aero. Eng.*
Liston, J., *Mechanical*
Lockwood, R. M., *E. Res.; G. E.*
Luecht, J. W.
Lueck, D. W., *General E.*
Lykoudis, P. S.
Maechler, H. C., *Eng. Dr.*
Mallett, F. M., *Mathematics*
Malmberg, B. O., *Mechanical Engrg.*
Mancl, O. J., Jr., *E. E.*
Mannes, R. L., *Thermo. & Power*
Martin, H. C.
Maris, J. R., *Aviation Tech. Train.; Tech. Inst.*
Mathieu, R. D., *Mechs. & Mat.*
Mattice, H. C.
May, J. E., *Aero. E.*
McCallick, H. E.
Meyers, E. E.
Michelson, I., *Fluid Dynamics*
Miller, R. B., *Mat., Thermo. & Power*
Millett, M. L., *Mech. & Mats.*
Morgan, B. S., Jr., *E. E.*
Mullin, G. E., Jr., *Pers.*
Murray, R. H., *Math.*
Myklestad, N. O., *Ind.*
Nelson, W. C., *Aero. Engr.*
Nichols, J. O.
Niles, A. S., *Civil*
Ocker, E. H., *Ind. Rel.*
Ormsbee, A. I., *Math.*
Palmer, G. M., *Aero. E.*
Peery, D. J., *Mech. & Mats.*
Peters, R. E.
Pian, T. H. H., *Aero. E.; Mech. & Met.*
Pinkerton, R. M., *Physics*
Pitts, R. G.
Powell, A., *Math.*
Prian, V. D., *Thermo. & Aerodynamics*
Rauch, L. L., *E. Math.*
Rautenstrauch, R.
Razak, C. K.
Rey, W. K., *Mech. & Mat.*
Reynolds, R. W., *Eng. Draw.*
Robertson, B. J., *M. E. Heat Power*
Roper, K. H., *Capt.*
Ruptash, J., *Aero. E.*
Sanders, J. C., *Staff Engr.*
Schmidt, E. L., *Constr.*
Seeger, R. J., *Physics*

Seltzer, L. Z.
Sheldon, E. L., *Deputy Chf.*
Sherling, W. G., Jr., *Struct. Design*
Sherwood, A. W.
Shutts, W. H., *Aero. Eng.; Mech. Eng.*
Sibila, A. I., *Chf.*
Simpkin, W. E.
Simpson, W. M., *Structures*
Smith, K. E., *Economics*
Smith, R. H., *General Eng.*
Snyder, M. H., *Thermo. & Power*
Soderquist, A. A.
Stafford, A. B., *Thermo. & Power*
Stanley, P. E., *Systems Ana.; Aerodynamics*
Starr, M. O., *Eng. Draw.*
Steffens, J., *Engr. Mechs.*
Stillwell, H. S., *Mechanics*
Stolarik, E.
Stottlemyer, P. C., *Mechs. & Mat.*
Strom, G. H.
Stuve, F. W.
Suer, H. S., *C. E.*
Swanson, R. P.
Szczepaniak, E. A., *Propul.; Math.*
Teffau, G. K., *English*
Thompson, M. J., *Mechanics*
Tiedemann, J. B.
Tifford, A. N., *Eng. Cons.*
Trefny, R. B.
Ulrich, B. H., Jr., *Structures; Aerodynamics*
Underwood, R. H., *Mathematics*
Vernon, J. B., *Aircraft Struc.; Appl. Math.*
Von Eschen, G., *Aero. E.*
Waddell, C. E.
Wattson, R. K., *Mech. Eng.*
Wear, R. J., *Dept. Head*
Weikel, R. C.
Weske, J. R., *Mechanical*
Williams, M. O., *Aero. E.*
Wislicenus, G. F., *Mechanical*
Wood, A. D., *G. E.*
Wood, K. D., *Mech. & Mat.*
Yates, C. C.
Yeh, H., *Math.; Thermo. & Power*
Younger, J. E., *Mechanical; Mech. & Mat.*

AGRICULTURAL ENGINEERING

Akesson, N. B., *Chemical*
Ayers, Q. C., *Patent Mgt.; Soil & Water Eng.*
Backus, D. A., *C. E.; Struct.*
Balner, Roy
Banting, E. A., *M. E.*
Barden, R. D.
Barnes, K. K.
Barr, H. T.
Barre, H. J., *Gen. Engr.*
Bassett, D. L., *C. E.*
Benedict, R. H.
Beresford, Hobart
Besley, H. E.
Boss, Wm., *Human.-Social*
Bondurant, B. L., *Civil*
Boyce, D. S.
Boyd, J. S., *C. E., Struc.*
Boyd, L. L.
Bryan, B. B.
Carleton, W. M., *Mech. E.*
Carter, D. G., *Farm Struct. & Housing*
Carter, W. H.
Cooper, J. H., *M. E.*
Corkill, P. A., *Arch*
Cropsey, M. G., *Mechanical*
Curtis, J. O.
Dale, A. C., *Struct. Engr.*
Day, C. L., *Rural Elect.*
DeLong, H. H.
Downing, C. G. E., *Pers.*
Driftmier, R. H.
Duchesne, R. C.
Engler, K., *Water Resources*
Esmay, M. L., *Farm Struc.*
Fairbanks, G. E., *Mach. Des.*
Farrall, A. W., *Industrial*
Filikke, A. M.
French, O. C., *Hydraulics*
George, W. C., *Shop & Mech.*
Gray, G. E.
Gray, H. E., *Struc.*
Guillou, R., *Mechanical*
Gunkel, W. W.
Hall, C. W., *M. E.*
Hansen, E. L., *Farm Struct.*
Hansen, H. J.
Hansen, R. W., *Engr. Dwg.*
Hay, R. C., *Soil Conservation; Drainage*
Henderson, S. M., *Mechanical; Heat Power*
Heston, R. E.
Hinchcliff, K. H., *Rural House*
Hinkle, C. N., *C. E.*
Hodges, T. O., *Struc.*
Huribut, L. W.
Hustrulid, A., *Physics*
Isaacs, G. W.
Jensen, M. C.
Jones, F. R., *Mechanical*
Jones, M. M., *Power & Mach.*
Kepner, R. A.
Kinard, D., *M. E.*
Kleis, R. W.
Kolega, J. J.
Kummer, F. A., *M. E.*
Lamouria, L. H.
Lamp, B. J.
Lanham, F. B., *Human. Social*
Larson, G. H., *Power & Mach.*
Levine, G., *Hydr.*
Liljedahl, J. B.
Lind, T. A., *Hydr.*
Lipper, R. I.
Long, J. D., *Cons.*
Lowdermilk, W. C.
Lowry, W. H., *Farm Prac. Res.; Soil Mgt. Res.*
Mackson, C. J., *Gen. Eng.*
Manson, P. W., *Civil; Soil Mech.*
Martin, J. W., *Electrical; Power*
McColly, H. F., *Gen. E.*
McDow, J. J.
McKibben, E. G., *Director*
McKillop, A. A.
McNeal, X.
Miller, R. C., *Drawing*
Moe, D. L., *Farm Struc.*
Monke, E. J., *C. E.*
Monson, O. W., *Shop & Mech. Arts*
Morford, V. J.
Myers, E. A., *Civil*
Nelson, G. L., *Mech. & Mat.*
Olver, E. G., *Dir. Secur. & Safety*
Otis, C. K., *Struc.*
Palmer, R. S.
Parker, B. F.
Patterson, R. E.
Peart, R. M.
Peikert, F. W., *Mech.*
Perry, R. L., *Mfg. Proc.*
Pflug, I. J., *Food Tech.*
Pickard, G. E.
Powers, A. X., *Ind. E.*
Rhoads, R. B., *Agri. Proc.*
Richardson, L. A., *Civil E.; Struc.; Mech. E.*
Roberts, J., *Mechanical*
Rodriguez-Arias, J. H., *Mechanical*
Schroeder, E. W., *General*
Schwab, G. O.
Schwalen, H. C., *Irrig. E.; Gen. Engr.*
Schwantes, A. J., *Mach. Des.*
Shaw, M. D., *C. E.*
Sjogren, J. W.
Skinner, H. M., *Shop & Mech. Arts*
Skromme, L. H., *Farm Mach. Des. Supv.*
Snell, A. W.
Spencer, G. E., *Civil*
Spencer, J. W.
Stapleton, H. N., *Mfg. Proc.*
Steinbruegge, G. W., *Mechanical*
Stephenson, K. Q., *E. E.*
Stevenson, P. N., *Mech. Arts*
Stewart, A. E., *Irrig. Eng.*
Stewart, R. E.
Swink, E. T., *Hd. Agr. Eng.; Res.*
Walton, H. V.
Webb, E. G., *Aeron. & Aero. E.*
Wiersma, J. L., *Civil*

Williams, I. L.
Wooley, J. C., *Economics*
Yates, W. E.
Young, E. R., *Shop & Mech. Art*
Zachariah, G. L.
Zoerb, G. C., *Instrumentation*

ARCHITECTURE

Battista, V. P., *Dir.*
Beal, G. M., *Arch. E.*
Benford, H., *Engr. Econ.*
Blakeslee, L. R., *Arch. Eng.*
Boguslavsky, B. W., *Struc.*
Brazda, L. P., *Arch. Eng.; Draw.*
Brightbill, L. J., *Arch. Eng.*
Burr, E. E., *Art.*
Carlson, D. M.
Carter, A. H., *General Eng.*
Connelly, D., *Engr. Draw.*
Corkill, P. A.
Danforth, G. E.
DeFilippis, A. J.
Duncan, W. B.
Eaton, H. D., *Mech. Eqpt. of Bldgs.*
Edstrom, A. E., *Drawing*
Fry, L. E., *Arch. Eng.*
Gracida, R. H., *Arch. Eng.*
Hagman, J. A., *Eng. Draw.*
Hansen, T. L., *Arch. E.*
Head, G. P., *Arch. Engr.*
Heimerich, J. J., *Arch. E.*
Henderson, D. A., *Struct. Engr.*
Hinners, R. A., *Hd. Grad. Sch.; Naval Arch.*
Holman, L. W., *Eng. Draw.*
Kahlert, C. G., *Arch. E. Dr.*
Keith, K. K.
King, D. L., *Tech. Inst.*
Locraft, T. H.
Mannuccia, H.
Means, R. E., *Civil*
Mies van der Rohe, L., *Direc.*
Mikolajczyk, H. L., *Cons.; Design.*
Nelson, G. R., *Eng. Drawing*
Norris, F. F.
Osborne, M. S., *Arch. Eng.*
Page, A. N.
Scholl, L. W., *Eng.*
Shook, P. S.
Streat, W. A.
Taylor, W. A.
Thorson, I. E.
Turner, W. W.
Vitanza, F. V., *Math.*
Walsh, H. V., *Drafting*
Wilson, W. H., *Struc.*
Wolf, L., *Arch. Eng.*
Zubaly, R. B., *Mech. & Mat.*

ARCHITECTURAL ENGINEERING

Bowman, L., *Photo.*
Boyd, L. L., *Structures; Mechs.*
Branch, J. E., *Arch.*
Brightbill, L. J.
Carlson, D. M., *Civil; Architecture*
Coffeen, H. L., *Arch. Eng.*
Darlington, R. P.
Dietz, A. G., *Mech. & Mat.*
DiPasquale, R. A., *Arch.*
Dornberger, W. W., *Civil*
Frazier, D. N., Jr., *C. E.; E. Dr.; Math.*
Glickman, M., *Arch.*
Hagel, J. L., *Arch. Eng.*
Head, G. P.
Heimerich, J. J., *Drawing*
Hornbeak, H. L., *Struc.; Mech.*
Hornung, W. J.
Hutchison, A. W., *Civil; Ind.*
Isenberg, M. W., *Mech. & Met.*
Jensen, A., *Mechanics*
Johnson, F. B., *C. E.*
Livas, H. L., *Arch.*
Lowry, W. L., *Struc.*
Mannuccia, H., *C. E.*
Monteith, W. C., *Arch. Eng.*
McMillin, E. H.
Neidengard, C. A., *Engr.*
Norris, F. F.
Pass, V. L., *Structures*
Pollard, J. J., *Civil*
Rammell, W. G., *Tech. Inst.*
Rathburn, R. E., *Struc. C. E.*
Red, D. D., *Arch.*
Richardson, L. A., *C. E., Con. & Struc.*
Sampson, J. P.
Scholl, L. W., *Mech. & Mats.*
Spagnuolo, J. E., *Arch.*
St. John, J. E.
Strandh, E. S.
Strode, W., *Gen. Eng.*
Voss, W. C., *Civil const.; Mech. & Mat.*
Wang, C. K., *Struc.*

CERAMIC ENGINEERING

Allen, A. W., *Mineral Tech.*
Andrews, A. I., *Chemical*
Birch, R. E., *Min. Tech.*
Campbell, R. J., Jr.
Campbell, R. M., *Min. Tech.*
Cook, R. L., *Min. Tech.; Chem.*
Dodd, C. M.
Frechette, Van D., *Mineral Tech.*
Fulrath, R. M., *Nuclear Engr.*
Jones, P. R., *Statistics*
King, R. M., *Chemistry*
Knapp, W. J.
Koenig, J. H., *Chem. E.*
Kriegel, W. W., *Engineering*
Lorey, G. E., *Mineral Tech.*
Lynch, E. D.
Manz, O. E., *C. E.*
Merritt, C. W., *Min. Tech.*
Mueller, J. I., *Physics*
Pask, J. A., *Min. Tech.*
Planje, T. J., *Mineral Tech.*
Russell, R., *Min. Tech.*
Sheerar, L. F., *Mechanics*
Stone, R. L., *Mineral Tech.; Min.*
Sutton, W. J., *Chem. Engr.*
Weiss, E. J., *Min. Tech.; Geol.*
Wilder, D. R., *Chem. E.*

CHEMICAL ENGINEERING

Aikele, C. M., *Chemistry & Process Des.*
Alleman, R. C., *Field Coord.*
Altpeter, R. J.
Amick, E. H., Jr.
Amundson, N. R.
Andersen, L. B.
Anderson, F. A., *Chemistry*
Archer, D. H., *Math.*
Armstrong, W. P., *Consult. E.; Res.*
Arnold, D. S., *Metallurgy*
Atallah, S. I., *Chem.*
Aven, R. E., *Math.*
Averitt, W. K., *Physics*
Babb, A. L.
Baker, B. L.
Baker, C. P., *Chemistry*
Banchero, J., *Chem.*
Bankoff, S. G.
Barker, M. E., *Chemistry*
Barks, H. B., *Headmaster*
Bartkus, E. P., *Industrial*
Basore, C. A., *Gen. E.*
Bass, L. W., *Vice Pres.*
Bates, H. T., *Chemistry; Math.*
Batke, T. L., *Chemistry*
Bauer, W. H.
Beisler, W. H., *Chemistry*
Berg, Lloyd
Bergelin, O. P., *Mechanical*
Berne-Allen, A., *Chem. Plant & Process Dev.*
Beroes, C. S., *Math.*
Beyer, G. H., *Metallurgy*
Bieber, H., *Chem.*
Blake, J. H.

Boarts, R. M., *Human-Social*
Bocquet, P. E., *Min. Tech.*
Bond, R. D. C., *Coop. Engr.*
Bonilla, C. F., *Nuclear Science & Engr.*
Bonney, D. T., *Min. Tech.*
Boyd, T. A.
Boylan, D. R., *Fertilizer Res.*
Bradford, J. R., *Dn.; Nuclear E.*
Braidech, M. M., *Gen. E.*
Brand, G. E., *Chemistry*
Brazelton, W. T.
Bredekamp, M. W., *Chemistry*
Bretton, R. H., *Chem.*
Brierley, J. R., *Secy. Alumni Assn.*
Brown, B., *Chem.*
Brown, G. M., *Thermodynamics*
Burg, W. V., *Metallurgy*
Burnet, G., Jr., *M. E.*
Buthod, A. P., *Pet. Ref. E.*
Calkin, J. B., *Res.*
Canjar, L. N., *Consulting*
Cannon, M. R.
Carnahan, F. L., *Chem.*
Castonguay, T. T., *Chemistry*
Ceaglske, N. H., *Aut. Con.*
Chetrick, M. H.
Chew, W. W., *Chemistry*
Christiansen, E. B.
Chu, J. C., *Nuclear Eng.*
Churchill, S. W., *Met.*
Coates, J., *Chemistry*
Cochran, J. R., *Tech. Inst.*
Comings, E. W.
Conrad, F. H., *Chemistry*
Cooley, A. M., *Met.*
Coonley, L. S., *Chemistry*
Coons, K. W., *Chemistry*
Cooper, A. H., *Nuclear E.*
Corcoran, W. H.
Cornwall, R. R.
Coull, J., *Refrig.*
Cranmer, J. W., *Chem.*
Crawford, T. S., *Dn.; Dir. Engr. Res.*
Crosser, O. K.
Crump, J. R., *Chemistry, Educ.*
Cumming, J. T., *Chemistry*
Cunningham, W. A., *Min. Dress.*
Curry, T. H.
David, M. M.
Davis, D. C.
Davis, D. S., *Pulp & Paper Tech.*
Deane, C. W., *I. E.*
deChazal, L. E. M.
DeCotiis, J. C.
Deller, A. W., *Gen. E.; Min. Tech.*
Dickinson, D. F., *Materials*
Dixon, Tod G., *Dir. Ind. Rel. Centr.*
Dodge, B. F., *Chemistry*
Donnelly, H. G., *Min. Tech.*
Doody, T. C., *Chem.*
Drew, T. B., *Math.*
Dryden, C. E., *Nuclear E.*
Duffey, D., *Nuclear Engr.*
Duncombe, C. G., *Dir. Res. Inst.; Chem. E.*
Duus, H. C., *Math.*
Eagleton, L. C., *Math.*
Elgin, J. C., *Chemistry*
Erb, P. W., *Rel. with Ind.*
Estrin, J.
Evans, C. H., *Sr. Cons.; Ch. E.*
Fahien, R. W.
Faigenbaum, H. M., *Inor. Chem., Sanit.*
Fairbanks, H. V., *Metallurgy*
Ferrand, E. F.
Ferron, J. R., *Mech. & Mat.*
Fink, C. E., *Economics; Chemistry*
Fletcher, F. A., *Chem.*
Forsberg, H. C.
Frederick, M., *Chemistry; Math.*
Gary, J. H., *Math.*
Gauvin, W. H.
Gerhard, E. R., Chemistry
Gerster, J. A.
Gilbert, N., *Math.*
Gilkeson, M. M.
Goodchild, I. L., Jr.
Green, D. L.
Groggins, P. H., *Chemistry*
Grossman, E. D., *Chemistry*
Gudebski, H. C., *Metallurgy*
Gully, A. J.
Gurnham, C. F., *Civil; San.*
Hall, R. C.
Happel, J., *Pet. & Nat. Gas*
Hartsook, A. J., *Chemistry*
Heckman, R. F., *Physics*
Hedrick, J. E.
Heideger, W. J., *Engr. Econ.*
Hindle, N. F., *Mechanics*
Hite, S. C., *Chemistry*
Hodge, W. W., *Research, Sanitary*
Hodgins, J. W., *Dn. Engr.*
Hoelscher, H. E., *Math.*
Hoffman, D. S., *Math.*
Hoffman, T. W., *Math.*
Holland, C. D.
Holsen, J. N.
Honstead, W. H., *Chemistry*
Hougen, J. O.
Hougen, O. A., *Chemistry*
Houston, R. W., *Phys.*
Howell, C. M.
Howerton, M. T., *Math.*
Hubbard, R. M.
Huckaba, C. E., *Chemistry*
Huff, W. J.
Huffman, J. R., *Chemistry*
Humphrey, A. E.
Huntington, R. L., *Min. Tech.*
Hyman, S. C., *Ch.E.*
Isbin, H. S., *Nuclear Eng.*
Jackson, M. L., *Chemistry; Ind. E.*
Jastrzebski, Z. D.
Jelinek, R. V.
Jenness, L. C.
Joffe, J., *Chemistry*
Johnson, E. F., *Physics*
Johnson, H. F.
Johnson, R. C., *Math.*
Johnstone, H. F., *Chemistry*
Jones, H. L., Jr.
Jorissen, A. L.
Jury, S. H., *Chemistry*
Kammermeyer, K.
Karsten, A., *Dir. Res.*
Katz, D. L., *Pet. & Nat. Gas*
Keeffe, G. C.
Kelleher, W. J.
Kemper, A. B., *Phys. Chem.*
Kinney, G. F., *Chemistry*
Kintner, R. C., *Chemistry*
Klein, D. R., *Math.*
Knight, O. S., *Mach. Des.*
Kobe, K. A.
Koehler, W. A.
Koffolt, J. H.
Kolodney, M., *Mech. & Mats.*
Kowalczyk, L. S., *Ind.*
Kowalke, O. L., *Retired*
Kranich, W. L., *Chem.*
Kraybill, R. R., *Chemistry*
Krinsky, H. Y., *Chemistry*
Kube, W. R., *Metallurgy*
Kurata, F., *Min. Tech.; Pet.*
Lacey, W. N.
Lamb, G. G., *Dir. Res. Proj.; Engr. Econ.*
Larian, M. G.
Larson, M. A.
Lauer, B. E., *Chemistry*
Lavine, I., *Ind. E.*
Lemlich, R., *Chem.*
Lewis, W. K.
Licht, W., *Met. E.*
Lindsay, J. D., *Chemistry*
Lindsey, E. E., *Chemistry*
Liggett, T.
List, H. L., *Engr. Econ.*
Litkenhous, E. E.
Littlejohn, C. E.
Lobo, W. E., *Chem. & Pet. Ind.*
Lockhart, F. J., *Chemistry*
Loeb, S., *G. E.*
Lorah, J. R.
Ludt, R. W.

Luebbers, R. H., *Sanitary*
Luker, J. A., *Technical Institute*
MacDonald, J. R., *Metallurgy*
Mack, D. J., *Metallurgy*
Maddox, R. N.
Madsen, N.
Maloney, J. O., *Research*
Mantell, C. L., *Metallurgy*
Marsel, C. J., *Chemistry*
Marshall, W. R., Jr., *Assoc. Dean*
Mason, J. W.
May, J. R., *Thermo. & Power*
Mayfield, L. G.
McAdams, W. H., *Thermo. & Power*
McAllister, R. A.
McBride, G. T.
McCarthy, J. L., *Chemistry*
McKelvey, J. M., *Math.*
McKetta, J. J., *Unit Oper.; Phase Equil.*
McLaughlin, R. R., *Chemistry*
McMillen, E. L.
Meenaghan, G. F., *Min. Tech.*
Mellow, E. W., *Evaluation*
Mesler, R. B.
Miller, S. A., *Chemistry*
Minard, G. W.
Moesel, F. C., *Physics*
Molstad, M. C.
Monrad, C. C.
Montillon, G. H., *M. E.*
Moon, G. D., *Chemistry*
Morgan, J. C., *Coördination*
Moulton, R. W., *Chemistry; Ed. Adm.*
Murphy, N. F., *Chemistry*
Myers, H. S., *Chemistry*
Nickelson, R. L., *Math.*
Nielsen, J. P., *Mat.; Metal.*
Null, H. R., *Math.*
Obrecht, M. F., *Corrosion Cont.*
Oden, E. C.
Orr, V.
Osburn, J. O., *Nuclear Engr.*
Othmer, D. E., *Indus. Chem.*
Oxford, C. W., *Chemistry*
Palermo, J. A., *Met.*
Parker, M. E., *Food Engrg.*
Peck, R. E., *Phys.*
Peebles, F. N.
Pennington, W. A.
Perry, R. H.
Peters, M. S., *Chemistry*
Peterson, J. M., *Chemistry*
Petrie, J. M., *Chemistry*
Phillips, J. B., *Chemistry*
Pigford, R. L.
Pike, F. P., *Chemistry*
Porter, R. L.
Powers, J. E., *Math.*
Prados, J. W., *Mech. & Mat.*
Preckshot, G. W., *Chem.*
Pressburg, B. S.
Prien, C. H., *Res.; Chem.*
Puyear, D. E.
Quiggle, D., *Chemistry*
Radasch, A. H., *Chemistry*
Ragatz, R. A., *Metallurgy*
Ragone, D. V., *Met. E.*
Rautala, P., *Met. E.*
Reams, D. C., *Mathematics*
Rebert, C. J.
Reiser, C. O., *Nuclear Engr.*
Reitzer, B. J.
Ries, H. C., *Physics*
Riordan, F. S., *Math.*
Rohrman, F. A., *Supt. Scientist*
Rose, Arthur, *Chemistry*
Rothfus, R. R.
Roy, L. F.
Rumps, P. P., Jr.
Rushton, J. H., *Chem.*
Rutz, L. O.
Ryan, N. W.
Salzarulo, L. M., *Mech. & Mats.*
Sanders, J. P., *Nuclear Energy*
Sandvig, R. L.
Saner, H. A.
Schmidt, A. X., *Materials*
Schmitt, E. S., Jr.
Schmitz, F. W.
Schoenborn, E. M., *Chemistry*
Schommer, J. J., *Industrial; Sanitary*
Schrenk, W. T., *Chemistry*
Schuster, W. W.
Seely, J. F.
Sesonske, A., *Nuclear Engr.*
Severson, D. E.
Seyer, W. F., *Chemistry*
Shaffer, R. F.
Sherwood, T. K.
Shilling, G. D.,
Shires, L. B., *Chemistry*
Shreve, R. N.
Siebert, C. A., *Min. Tech.*
Siemon, S. R., *Chemistry*
Simons, H. P., *Chemistry*
Sims, H. D., *Chemistry*
Slonaker, R. E., Jr., *Metallurgy*
Smith, J. C., *Engr. Des.*
Smith, J. M., *Heat Transfer*
Smith, L. B., *Chemistry*
Smutz, M., *Chem.*
Southworth, R. W.
Spalding, S. C., Jr., *Org. Ch. E.; Org. Ch.*
Stansbury, E. E., *Metal.*
Steinhauser, H. H.
Stephenson, R., *Nuclear Eng.*
Stern, H.
Stevens, R. G., *Chemistry*
Stevens, W. F., *Math.*
Still, A. J., *Economics*
Stout, L. E., *Chem.*
Stuart, E. B., *Math.*
Stutzman, L. F.
Stynes, S. K., *Human.-Soc. Stud.*
Su, G. J., *Chemistry*
Swearingen, L. E., *Chemistry*
Syverson, A.
Szego, G. C., *Mgr.*
Taecker, R. G., *Nuclear Eng.*
Tallmadge, J. A., Jr., *Textile Engr.*
Tassoney, J. P., *Proc. Des.*
Taylor, F. M., *Chemistry*
Thatcher, C. M.
Thode, E. F., *Chem.*
Thomas, D., *Mgr. Col. Rel.*
Thompson, A. R.
Thompson, D., *Physics*
Threadgill, W. D.
Toner, R. K., *Chemistry*
Toor, H. L.
Townsend, R. E.
Treybal, R. E., *Chemistry*
Troupe, R. A.
Tucker, W. H.
Uhl, V. W., *Cons.*
Updike, O. L., *Electronics & Nuclear*
Van Antwerpen, F. J.
Van Vlack, L. H., *Met.*
Van Vorst, W. D., *Thermo. & Power*
Van Winkle, M., *Pet. & Nat. Gas*
Vermeulen, T.
Vilbrandt, F. C.
Vivian, J. E.
Vivian, R. E.
von Rosenberg, D. U., *Min. Tech.*
Votta, F.
Walas, S. M.
Wales, C. E.
Walker, C. A.
Wallace, A. E.
Walsh, T. J., *Chemistry*
Walton, J. S., *Mineral Tech.*
Wang, S., *Auto. Computers*
Ward, H. T., *Nuclear E.*
Watkins, P. H.
Watson, C. C., *Chemistry*
Webb, W. H., *Chem.*
Webber, H. A., *Chem.*
Weber, J. H.
Weber, P.
Weger, E.
Wehner, J. F., *Chem.*
Weinland, L. A., *Chem.*
West, R. E., *Chem.*

Westwater, J. W.
Wheeler, W. H., *Struc.*
White, A. H., *Metallurgy*
White, R. E., *Chemistry*
White, R. R.
Whitney, R. P., *Paper Chem.*
Whitwell, J. C., *Statistics*
Wilhelm, E. J., *Chemistry*
Wilhelm, R. H.
Wilke, C. R.
Wilkinson, B. W., *Physics*
Williams, E. T.
Williams, G. B., *Pet.*
Williams, E. R., *Thermo. & Power*
Williams, G. C., *Metallurgy*
Williams, T. J., *E. E.; Control*
Wilson, R. E.
Wilson, W. S.
Winding, C. C., *Chemistry*
Witt, R. P.
York, J. L., *Mining*
Young, E. H., *Met. E.*
Zeleny, R. A.
Zimmerman, O. T., *Chemistry*
Zinn, R. E., *General*

CHEMISTRY

Baker, P. D.
Bartow, Edward, *San.*
Baxter, R. A., *Consult. Engr.*
Bishop, J. A., *Chemical*
Branin, M. L.
Brown, F. W., *Metal.*
Burris, C. T.
Carlson, A. M., *Math.*
Cason, J. H., *Hd.*
Charton, M., *Chem. E.*
Chase, E. F., *Chemical; Physics*
Chelberg, R. R.
Clark, H. M.
Cloke, J. B., *Organic*
Crosen, R. G.
Cumming, J. T., *Ch. E.*
Curran, T. B., *Met.*
Delcamp, R. M., *Chem. E.*
Devor, E. L.
Donahue, W. E.
Dupre, E. J., *Textile Engr.*
Edwards, G. P., *Sanitary*
Faigenbaum, H. M.
Fenaux, L. E. F., *Tech. Inst.*
Ferrel, E. F., *Metal. Tech.*
Fiocchi, F. P.
Fitzgerald, J. M., *Ceramics*
Fornoff, F. J.
Gardner, F. T.
Gray, J. C.
Hanson, R. S.
Hazel, J. F.
Herrmann, G. A.
Hodgson, R. H.
Hunt, C. K., *Pet.*
Huitema, R., *Metal*
Hunt, L. W.
Jahren, C. E., *Physics*
James, W. J., *Math.*
Jones, G. L., Jr., *Phys. Chem., Math*
Kerker, M.
Knudsen, O. M., *Chemical*
Koch, E. G.
Liebeskind, H.
Makens, R. F., *Nuclear Engr.*
Moss, H. R., *M. E.; Mfg. Proc.*
Neville, H. A., *Chemical Eng.*
Nolan, W. M., *Recruit. Mgr.*
O'Connor, W. F., *Chem. E.*
O'Gorman, J. M., *Hum.-Soc.*
Osterhof, G. G., *Chemical*
Othmer, D. E., *Indus. Chem.*
Otto, C. E.
Overberger, C. G., *Chem. E.*
Perry, R. J., *Chemical*
Price, R. H., *Chemical*
Quiggle, D., *Ch. E.*
Ram, G. L., *San. E.; Pub. Health*
Rebert, C. J.
Rossini, F. D., *Petr.*
Ryan, M. M.
Salzarulo, L. M., *Mech. & Mat.*
Sasin, G. S.
Schlosser, F., *Physics; Tech. Math.*
Schufle, J. A., *Mineral Tech.*
Shepherd, M. L., *Nat. Sci.; I. E.; Phy.*
Swift, R. E., *Mineral Tech.*
Tracey, E. J. J., *Metallurgy*
Tully, T. J., *Chemical*
Vivian, J. E.
Weinland, L. A.
White, J.
White, N. E.
Williams, J. T.
Wilson, W. S.
Wittmer, F. B.
Ziehn, R. S., *Physics*

CIVIL ENGINEERING

Abegg, M. G., *Survey.; Math.*
Abrams, J. I., *Mechanics; Struc.*
Abrams, J. P.
Acaron-Ortiz, F.
Ackerman, A. J., *Hydro-electric Power*
Ackerman, C. C., *Surveying*
Adams, O. V., *Trans.*
Adams, T. C., *Structural; Surveying*
Aggeler, C. J., *Survey.; Drawing*
Ahuja, V. B.
Aikin, H. B., Surveying; *Mech. & Mat.*
Albertson, M. L., *Hydraulics*
Allan, William, *Hydraulics*
Allen, R. B., *Structural; Arch.*
Alling, E. S., *Struc.; Mech.*
Allison, W. H., *Structural; Mech. & Mat.*
Almy, L. B., *Structural; Mech. & Mat.*
Alpern, M., *Struct.; Mech. & Mat.*
Alsmeyer, W. C., *Structures; Mech. & Mat.*
Alt, G. L., *Structural; Construction*
Ambrose, H. H., *Hydr.*
Andersen, J. R., *Sanit. E.*
Andersen, Paul, *Structural*
Anderson, A. G., *Hydr.; Math.*
Anderson, D. R.
Anderson, F. A., *Mech.; Coord.*
Anderson, W. L.
Andrews, J. F.
Angas, W. M., *Port & Harbor Engr.*
Antoni, C. M., *Struc.; Mech. & Mat.*
Appel, D. W., *Hydr.; Mech. & Mat.*
Arendt, J., *Hydr.; Struct.; Mechs.*
Armenakas, A. E.
Armento, W. J., *Struc., Soil Mech.*
Armstrong, R. H., *I. E.*
Arnold, R. G., *Arch.*
Arthur, R. M.
Ashton, N. L., *Struct.*
Atkinson, H. W., *Engr. Dr.*
Au, T.
Austin, W. J., *Struc.; Mech. & Mat.*
Ayre, R. S., *Struc.; Mechs.*
Babbitt, H. E., *Sanitary; Chemistry*
Babcock, H. A., *Struc.; Hyd.*
Babcock, J. B., *Trans.; Constr.*
Baird, C. O., *Sanitary*
Baker, J. F.
Baker, R. L., *M. & M.*
Baker, W. H., *Surveying; Transportation*
Baldinger, E. J., *Transp.; Constr., Survey.*
Baldwin, L. B., Jr., *Hydr.; Mech. & Mat.*
Banks, C. W., *Physics; Ret.*
Banks, R. B., *Fluid Mech.*
Barber, E. S., *Soil Mech.*
Barclay, L., *Survey, Gent.*
Barenberg, E. J., *Struc.*
Barker, C. L., *Hydraulics*
Barnes, A. H., *Hydr., San.*
Barnes, G. E., *Hydraulics; Sanitary*
Barnett, R. M., *E. Dr.*
Barnoff, R. M.
Baron, F., *Struc.; Mech. & Mat.*
Barton, J. R., *Hydr.*
Barriga, J., *Soil. Mech.; Mech. & Mat.*

Barry, Bro. B. A., *Surveying; Transp.*
Bartel, H. H., *Transport; Survey*
Barton, J. R., *Hydr.*
Baty, J. B., *Sanitary; Hydraulics*
Bauer, E. E., *Materials*
Beattie, I. M.
Beatty, J. M., *Arch. E.; Struc.*
Bell, H. W., *Mgr. Book Dept.*
Bell, J. M.
Bender, D. L.
Bender, M. E., Jr.
Bennett, A. A., *Sanitary*
Benjamin, J. R., *Struc.*
Beratan, L. L., *Soil Mech.; Mech. & Mat.*
Berg, G. V., *M. & M.*
Bergstresser, N. E.
Bernhart, W. D., *Structural*
Berry, D. S., *Transport*
Berry, R. M., *Geodesy & Surv.*
Best, S. V., *Soil Mech.; San.*
Biberstein, F. A., *Mech. & Mat.*
Bird, H. C., *Structural; Transportation*
Bissett, J. R., *Soil Mech.*
Blackburn, J. B., *Transp.; Materials*
Biessey, W. E., *Struc.; Soil Mech.*
Blickenderfer, H., *Hydr.; San.*
Blodgett, H. B., *Dn.*
Bloodgood, D. E., *San.*
Blythe, D. K., *Transp.; Survey.*
Boeck, R. E., *Struc. E.; Mech.*
Bogan, R. H., *Sanit.*
Bogema, M., *Hydraulics; San.*
Boguslavsky, B. W., *Struct.; Architectural*
Bolden, D. I., *Struc.; Constr.*
Bonar, A. J., *Soil Mech.; Struc.*
Bone, A. J., *Transportation*
Bonell, J. A., *Struc.*
Bonn, R., *Hydr.; Chem. E.*
Boon, L. F., *Surveying; Trans.*
Booth, A. A. K.
Borg, G. K., *San.; Hyd.*
Borg, S. F., *Structural*
Borgo, P. E.
Boulanger, W. P., *Mech. & Mat.*
Boutilier, O. D.
Bowler, E. W., *Hydraulics; Sanitary*
Boyce, E., *Sanitary*
Boyer, M. C., *Hyd.; Agr. Eng.*
Boyer, W. W., *Survey; Transport.*
Bradley, W. A., *Structural; Soil Mech.*
Bradshaw, G. W., *Structural*
Branson, D. E.
Brater, E. F., *Hydraulics; Mech. & Mat.*
Bresler, B., *Structural; Mech. & Mat.*
Brielmaier, A. A., *Struc.*
Brinker, R. C., *Surveying, Transportation*
Briscoe, J. W.
Brockenbrough, T. W., *Struct. Anal. & Des.*
Bromilow, F., *Struc.; Mech.*
Brown, E. I., *Asst. Dean*
Brown, E. S., *Hydraulics; Sanitary*
Brown, J. E.
Brown, M. R., Jr., *Struc.; Mat.*
Brown, W. A.
Browzin, B. S.
Brust, A. W., *Mech. & Met.*
Buchanan, J. E., *Transport*
Bullington, J. A.
Bullock, R. E., *Struc.; Mech. & Mat.*
Burchinal, J. C.
Burmister, D. M., *Soil Mech., Found.; Const.*
Burton, R. E., *Mgr. Cont. Div.*
Bush, A. F., *San.; Air Poll. Cont.*
Butler, S. S., *Hydr.; Gen.*
Byers, R. O.
Cain, F. J., *Mech. & Mat.*
Calcote, L. R., *Mech. & Mat.*
Calhoun, J. C.
Calor Mota, C., *Struc.*
Campbell, G. F., *Constr.; Struc.*
Campbell, H., *Sanitary; Hydr.*
Campbell, T. H., *Mech. & Mat., Hydr.*
Capek, F. J., *Mech. & Mat.*
Capp, M. P., *Mech. & Mat.*
Carlson, D. A.
Carlton, E. W., *Structural Eng.; Highway Eng.*
Carpenter, S. T., *Struc.; Mech. & Mat.*
Carstens, M. R., *Hydraulics*
Casagrande, A., *Soils; Mech. & Mat.*
Case, L. N., *V. P.; Dn. Men; Struct. Des.*
Caseman, A. B., *Struc.; Mechs.*
Caughey, R. A., *Structural; Arch.*
Causey, M. L., Jr.
Celis, A. J., *Struct.; Hydraul.*
Cermak, J. E.
Cetra, M. A.
Chamberlain, J. J., *Mech. & Mat.; Struc.*
Chambers, A. L., *Construction; Trans.*
Chase, A. S., *Hwy. E.; Constr.*
Cheek, F. J., Jr., *San.; Hyd.*
Cheney, L. T., *Struc.; Mech. & Mat.*
Chinn, J., *Mech. & Matls.*
Christiansen, J. E., *Irre.*
Christensen, N. A., *Director*
Chittenden, H. M.
Chu, K. H.
Chu, T. Y., *Transport; Soil Mech.*
Claffey, P. J., *Transportation; Soil Mechanics*
Clanton, J. R., *Structural; Mech. & Mat'ls*
Clark, J. G., *Sanitary*
Clark, J. W., *Sanitary; General*
Clarke, C. B., *Struc.*
Clarke, E. L., *Sanitary; Survey*
Claybaugh, H. S., *Drainage*
Clayton, L. A., *Hyd.; Mech. & Mat.*
Clough, R. H., *Constr.; Soil Mech.*
Clyde, C. G., *Hydr.*
Coe, E. H.
Colcord, J. E., Jr., *Survey.; Hydr.; Stren. Mat.*
Coleman, T. C., *Struc. Transport*
Collier, I. L., *Surveying; Mech. & Mat.*
Collins, J. D., *Engr. Gr.*
Combs, L. B., *Struc., Const.*
Comer, J. W., *Survey., Constr.*
Conley, H. G., *Struc.; Mech. & Mat.*
Conrad, L. E., *Structural; Hydr.*
Conwell, W. A., *Structural*
Cook, W. H.
Cooley, C. C.
Coopey, M. P., *Trans.*
Copeland, A., *Surv.*
Cortright, D. N., *Survey.; Trans.*
Cosens, K. W., *Sanitary*
Cottingham, W. S., *Struc.; Mech. & Mat.*
Coulter, R. G., *Sanitary*
Cournyn, J. B., *Hydr.*
Covington, B. J., *Mech. & Mat.; Structural*
Cox, G. N., *Hydraulics; Mech. & Mat.*
Crandall, L. W., *Struc.; Gen. E.*
Crawford, I. C., Jr., *Hydr.*
Cribbins, P. D., *Transportation; Engr. Gr.*
Crim, D. M.
Cronin, J. L., *Struc.; Mechs.*
Crosier, C. M., *Structures; Mech. & Mat*
Cross, Hardy
Crum, R. G., *Mech. & Mat.*
Csanyi, L. H., *Transp.; Constr.*
Cunningham, C. W., *Struct.; Mech. & Mat.*
Curtis, C. A.
Curtis, K. S., *Survey.*
Cutter, E. S., *Math.*
Cutts, C. E., *Struct.*
Dabney, W. H., *Survey.*
Dake, E. D., *Struc.; Mech. & Mat.*
Dalia, F. J.
Daniel, D. E., *Arch. E.*
Daniels, W. T., *Mechanics*
Danner, C. S., *Survey*
D'Appolonia, E., *Soil Mech.; Mech. & Mat.*
Davidson, D. T., *Soil Eng.; Highway Eng.*
Davidson, R. F., *Struc. Mech.; Mat.*
Davis, C. M., *Pet.*
Davis, H. E., *Trans.; Soil Mechs.*
Davis, J. D.
Davis, R. P.
Davis, W. H., *Engr. Dr.*
Dawson, J. H., *Hydr.; Sanitary*
Dawson, R. F., *Soil Mech.*
Daxelhofer, J. P.
Day, D. A., *Construction; Structures*
Dean, D. L., *Struc.; Mech. & Mat.*
DeCicco, P. R., *Sanitary; Hydr.*
de Jong, S. H., *E. Dr.*
DeLapp, W. W., *Hyd.*

Del Mastro, A. J., *Structural; Mech. & Mat.*
De Moyer, R., *Struc.; Mechs.*
Del Vecchio, A. J.
Dell, G. H., *Structural; Surveying*
De Marche, J. M.
DeMart, H. C., *Mech. & Mat.*
Demeter, J., *Mechs. and Mat.*
Derleth, Chas., *Structural*
d'Errico, T. R., *Mech. & Mat.*
DeVilbiss, C. F.
Diefendorf, A., *Transportation; Constr.*
Dietz, A. G. H., *Mech. & Mat.*
Dietz, J. C., *Sanitary*
Dillenbeck, H. L., *Survey.; Draw.*
Dini, A. E., *Mechs. & Mats.*
Dinker, J. D., *Mech. & Mat. Struc.*
Dinsmore, G. A., *Struc; Eng. Drawing*
Dirasian, H. A., *Sanit.*
Doanides, P. J., *Mech. & Mat.*
Dobbins, W. E., *San.*
Dobyns, S. W., *Mech. & Mat.; Survey; Struc*
Dodge, E. R., *Hydraulics*
Domingue, E., *Struc. E.; San. E.*
Donnelly, H. I.
Dooge, J. C. I.
Douglas, C. J.
Douglass, M. M.
Downing, R. L., *Trans.; City Planning*
Driscoll, G. F.
Drown, C. H., *Gen. Engr.*
Drucker, D. C., *Struc.; Mech. & Mat.*
DuBose, L. A.
Duchacek, H., *Fluid Mech. & Heat Power*
Duchesne, R. C., *Survey*
Duke, C. M., *Struc.; Soil Mech.*
Dunham, C. W., *Structural; Trans.*
Dunkerley, P. A., *Trans.; Mech. & Mat.*
Dunn, C. A., *Structural*
Dunn, I. S.
Dunstan, G. H., *Sanitary*
Du Plantier, D. A.
Duquette, D. D.
Duwelius, T. A., *Struc.; Soil Mech.*
Easton, A. H., *Transp. Thermo. & Power*
Eberhart, H. D., *Struc.; Mech.*
Eckenfelder, W. W., Jr.
Eckle, J. N., *Survey; Mech. & Mat.*
Edgerley, E., Jr., *Chem. E.*
Edwards, C. H., Jr., *Mech. & Mat.*
Eichler, J. O., *Surveying, Photogrammetry*
Edson, C. G., *Hydr.; Mechs.*
Edwards, F. W., *Hydraulics; Gen. E.*
Ekberg, C. E., *Struc.; Concrete Res.*
Ekse, M., *Trans.*
Eldridge, W. H., *Surveying & Mapping*
Elevatorski, E. A., *Hydraulics*
Eliassen, R., *Sanitary*
Ely, J. A., *Transportation; Struc.*
Emmons, W. J., *Construction*
Eney, W. J., *Structural; Mech.*
Enfield, J. W., *Surv.; Engr. Gr.*
English, J. M., *Structural; H.-S. Mechs. & Mat.*
Engman, C. A., *Mech. and Mat.*
Erdoss, B. K., *Fluid Dynamics*
Erickson, F. K., *Sanitary; Mech.*
Ericson, E. G., *Surveying; Transport.*
Ernst, G. C., *Structural Research*
Eshbaugh, C. W., *Survey.; Photogram.*
Etter, C. G., Jr., *Mechs. & Mat.*
Ettinger, H. J., *Sanitary; Hydraulics*
Evans, K. H., *Structural; Soil Mechs*
Evans, N. A.
Evans, T. H.
Evans, W. S., *Dn.; Struc.*
Evinger, M. I., *Sanitary*
Eye, J. D., *San.*
Fabian, E. S., *Struc.; Mech.*
Fadum, R. E., *Soil Mech.*
Fair, G. M., *Sanitary*
Faulds, A. H., *Photogrammetry; Surv.*
Fead, J. W. N., *Struc.; Soil Mech.*
Feng, C. C., *Mech. & Mat.*
Feng, T. H., *San. E.; Hydr. E.*
Feodoroff, N. V., *Hydro.-Fluid Mech. & Rivers*
Ferguson, G. R., III, *Trans. Con.*
Ferguson, P. M., *Structural; Arch.*
Fettahlioglu, O., *Struct. Eng.*
Fiesenheiser, E. I., *Structural*
Finch, S. P., *Struc., Hyd.*
Finlayson, F. S., *Hydr; Mach. Des.*
Finn, W. D.
Fisk, E. R., *Engr. Dr.*
Fitzgerald, R. W., *Arch. Engr.*
Flack, J. E., *Mech. & Mat.*
Flanakin, H. A. M., *Trans.*
Flanders, R. L., *Structures, Hydraulics; Mech.*
Flinsch, H., *Hydr.*
Focht, J. A.
Fok, T. D. Y., *Applied Mechs.; Electr. Comp.*
Fondahl, J. W., *Construct.; Engr. Econ.*
Forsyth, R. A., *Engr. Dwg.*
Fossum, G. O., *Sanitary; Mech. & Mat.*
Fox, F. H., *Surveying; Transportation*
Fox, R. R., *Soil Mech.; Struc.*
Franzini, J. B., *Hydr. Sanit., Mech. & Mat.*
Freel, W. I., *Hydraulics; Survey*
Friedrich, L. M., *Sanitary*
Fuhriman, D. K., *Hydraul.; Sanit.*
Fuller, A. H., *Structural*
Funchess, L. E., *Dir.*
Funk, M. L.
Furr, H. L., *Struc.; Mech.*
Gafford, W. R.
Gallen, J. J., *Struc.; Surveying*
Gallo, F. J., *Struc.; Mech. & Mat.*
Gallogly, H. P., *Surveying; Draw.*
Gamet, M. B., *Hydraulics; Sanitary*
Gant, E. V., *Structural Mech.; Soil Mech.*
Gardner, R. A., *Hydr.; San. E.*
Gardner, W. H., Jr.
Garrett, W. R., Jr.
GarzaTamex, F.
Gates, C. D., *Sanit. E.*
Gaylord, C. N., *Mech.*
Gaylord, E. H., *Structural; Mech. & Met*
Gebhard, J. C., *Constr.; Econ. Law*
Geer, E., *Struc.; Mech. & Mat.*
Geldmacher, R. C., *Elec.; Mech. & Mat.*
Genin, J., *Math.*
Georgi, C. O., *Land Survey., Struc. Des.*
Germano, F. J., *Struct.; Hydr.*
Gesund, H., *Mech. & Mat.*
Gidzinski, J. D., *Struc.; Mech. & Mat.*
Gildea, R. E. L., *San. E.*
Gillan, G. K., *Struc.*
Giles, R. V., *Hyd.; Sanitary*
Gilkey, H. J., *Mech. & Mat.*
Gillan, G. K., *Struc.; Mech. & Mat.*
Glavin, E. J., *Tech. Inst.*
Glenn, G. R., *Surv.*
Glenn, W. D., *Survey.; Mech. & Mat.*
Glysson, E. A.
Go, M. L. P., *Struct.; Airport Eng.; Transp.*
Goetz, W. H.
Gohr, C. W., *Surveying*
Golderos, A.
Goodman, J. R., *Mech. & Mat.*
Goodman, L. J., *Soil Mech.; Found.*
Goodwin, W. A., *Highway Res.*
Gotaas, H. B., *Dn.; Sanit.*
Gotolski, W. H., *Soil Mech. & Trans.*
Graham, F. M., *Mech. & Mat.*
Graham, J. W., *Struc., Constr.*
Gramstorff, E. A., *Struc.; Mech. & Mat.*
Grant, E. L., *Economics; Ind.*
Grasso, S. P., *Consult. Engr., San.*
Graves, L. D., *Soil Mech.; Mat.*
Graves, Q. B., *San. Eng., Hydr.*
Gray, G. A., *Mech.; Struc.*
Gray, H.
Grecco, W. L., *Trans.; Mat.*
Green, R. S., *Weld.*
Greenberg, A. J.
Greenshields, B. D., *Trans.*
Grenata, M. C., *Struct. Des.; Fluid Flows*
Griffith, D. M., *Struc.; Mech. & Mat.*
Griswold, A. H., *Hydr.; Mech.*
Grosswirth, M., *Soil Mechanics; Trans.*
Grove, C. G., *Transport.*
Grow, T. A.
Grubbs, E. C.
Grune, W. N., *Chem. E.*
Guilford, A. A.
Guillou, J. C., *Hydr.; Mech. & Mat.*

Gumpertz, W. H., *Pers., Cons. Engr.; Arch. E.*
Gunaji, N. N.
Gunder, D. F.
Gunderson, N. O., *Struc.*
Guralnick, S. A., *Soil Mechanics*
Gutzwiller, M. J., *Struc.*
Haas, W. M., *Soil Mech.; Trans.*
Haertlein, A., *Struc.*
Haines, D. D., *Const.; Soil Mech.*
Haines, H. N., *Eng. Draw., Arch.*
Hale, J. S., III
Hall, F. H., *Mech. & Mat.*
Hall, W. J., *Structures; Mech. & Mat.*
Haltiwanger, J. D., *Struc.; Mech. & Mat.*
Hamid, H. I.
Hankinson, G. W., *Sanitary*
Hanrahan, F. J., *Structural; Mat.*
Hardgrave, J. M., *Aero.; Heat Power*
Harding, G. H., *Resources Inventories & Eval.*
Harkness, D. H., *Survey. & Mapping*
Harlow, H. G., *Soil Mech. & Found.*
Harrawood, P.
Harris, E. C., *Structural; Mech. & Mat.*
Harris, M. P., *Eng. Drawing*
Harris, R. B., *Structural; Arch. Eng.*
Harrison, W. P.
Harroun, D. T., *Soil Mech.; Struc.*
Hartman, P., *Highways, Surv.*
Hartz, B. J.
Hartzell, H. W., *Consulting Engr.*
Haskell, W. E., Jr., *Engr. Dwg.*
Hathaway, A. S., *General*
Hauber, C., *Structural; Mech.*
Hawes, D. B., *Arch.*
Hay, W. W., *Railway Civil Eng.; Trans.*
Hayes, J. M., *Structural*
Haynes, B. J.
Heagler, J. B., Jr.
Heer, J. E., Jr., *Struc. & Mach. & Mat.*
Heiman, D. W., *Milt. Const.*
Heimbach, C. L.
Heiple, L. R., *San.*
Henderson, J. M., *Mech. & Mat.*
Henderson, W. G.
Hendrickson, K. N., *Soil Mechs.; Appl. Mech.*
Hennes, R. G., *Transport.; Soil Mech.*
Hennigan, J. J., *Hydr.*
Henry, H. R., *Appl. Mech.*
Henson, J. O.
Herman, G. J., *Asst. Dn.; Struc.*
Herr, L. A., *Hydr.; Highway Engr.*
Herrmann, G., *Struc.*
Hershfield, C.
Hershkowitz, L., *Trans.*
Heurich, R. P., *Mechs. and Mat.*
Hewitt, W. L., *C. E., Drawing Dept.; Hy. E.*
Higgins, G. R., *Hydr.; Water Power*
Hill, J. M., *Phys.*
Hill, L. A., Jr., *Struc.*
Hillis, L. F., *Structural; Mech. & Mat.*
Himelright, L. K., *Gen.; Soil Mech.; Sanitary*
Hirschfeld, R. C., *Mech. & Mat.*
Hirst J. M., *Hydr.; Power*
Hoadley, A., *Struct., Hydr.*
Hodson, H.
Hoff, J. E., *Mech. & Mat.; Struc.*
Hoffman, A. A., Jr., *Soil Mech.; Struct.*
Holcomb, G. W., *Struc.*
Holcomb, R. M., *Struc.*
Holley, M. J., Jr., *Struc.; Mech. & Mat.*
Holman, F. L., Jr.
Holmberg, C. H.
Holt, E. C., *Struct.*
Hope, E. S., *San. Hydr.*
Hopwood, J. F. X.
Horwood, E. M., *Trans.; Mechanics*
Hougen, J. O., *Sys. E.*
Hough, C. C., *Constr.*
Housel, W. S., *Soil Mech.; Mech. & Mat.*
Housner, G. W., *Mech. & Mats.*
Howe, J. W., *Hydraulics; Mech. & Mat.*
Howe, R. T., *Survey.; Transport & Soil Mech.*
Howland, W. E., *Sanitary; Coord. Coop. E.*
Huang, E. Y., *Soil Mech.; Highway*
Hubbard, T. F., *Mech. & Mat.*
Hubler, J. W., *Mech. & Mat.; Struc.*
Hulsbos, C. L., *Structures; Mech. & Mat.*
Hunter, J. H., *Soil Mech.*
Hunterman, H. J., Jr.
Huntington, W. C.
Hutchinson, J. W., *Highways*
Hutto, G. J., *Structural; Drawing*
Huzarski, R. G., *Consult.*
Hyde, A. P. S.
Ince, S., *Hydr.; Geophys. E.*
Ingersoll, A. C., *Hydr.; San. E.*
Ingram, G. E., *Struc.; Mech. & Mat.*
Ingram, W. T., *Sanitary; Ind.*
Ippen, A. T., *Hydraulics*
Irby, H. E., *Hwys., Traffic*
Ireson, W. G., *I. E.*
Irish, S. B., *Survey.*
Isherwood, J. D., *Min. Tech.*
Jackson, N. E., *Hydraulics; San.*
Jacobs, R. K., *Mechanics*
Jacobson, G. L., *Sanitary Engr.; Hydraulics*
Jardetzky, W. S.
Jenness, L. C., *Pulp & Paper*
Jensen, C. D., *Soil Mech.; Transp.*
Jensen, I. R., *Struc.; Mech. & Mat.*
Jessup, W. E., *Editor*
Johnson, A. R., *Structural*
Johnson, E. B., *San. E., Munic.*
Johnson, E. E., *Mech. & Mat.*
Johnson, F. M.
Johnson, R. B.
Johnson, R. C., *Hydraulics; Structural*
Johnson, S. S., *Surveying; Mech. & Mat.*
Johnston, E. R., Jr., *Struct.; Mech.*
Jones, J. H., *Trans.*
Jones, L. E., *Gen. E.; Hydr.*
Jones, R. M., *Sani.; Mech. & Mat.*
Jumikis, A. R., *Acad. & Res.; Cons. Engr.*
Junk, F. S., *San. E.*
Kahn, C. H., *Arch.*
Kallsen, H. A., *Surv.; Trans.*
Kamm, A. J., *San.; Surv.*
Kampmeier, R. A., *Hydraulics*
Kane, H.
Kaplan, B., *Hyd.; Sanitary*
Karara, H. M.
Karrer, E. H., *Trans.; Const.*
Kavanagh, T. C., *Struc.; Mech. & Mat.*
Kay, W. J., *Survey; Mech. & Mat.*
Keho, C. H., *Soil Mech.; Struc.*
Keightley, W. O., *Struct.; Mech. & Mat.*
Keim, P. F., *Constr., Ports & Water Fronts*
Keith, W. G., *Struc.; Survey.*
Kelleher, W. J., *Sanitary; Soil Mech.*
Keller, D. R., *Struc.; Mech. & Mat.*
Kelly, J. W., *Mech. & Mat.; Constr.*
Kelly, T. A., *Mech. & Mat.*
Kennedy, J. J., *Soil Mech.; Pavings*
Kent, B., *Hum.-Soc.*
Kent, J. C.
Kenyon, C. D., *Physics*
Keosaian, E., *Survey.*
Kepner, H. R., *Structural; Sanitary*
Kersten, M. S., *Soils*
Kersten, R. D., *Engr. Sci.*
Ketchum, M. S., *Structural*
Ketter, R. L., *Mech. & Mat.*
Key, J C., *Surveying; Mech.*
Khachaturian, N.
Kiefer, F. W., Jr.
Kiernan, C. J.
Kiesling, E. W.
Kiker, J. E., *Sanitary*
Kindig, C. H., *Structural*
Kindsvater, C. E., *Hydraulics*
King, E. E., *Railway*
King, H. W., *Struc. & Trans.*
King, R., *Sanitary*
Kinney, E. E., *Build. & Util.*
Kipp, R. J., *Hydr.; Mech. & Mat.*
Kirby, L. R., *Struc.; Mech.*
Kisiel, C. C., *Sanit.; Mech. & Mat.*
Kissam, Philip, *Survey.; Transportation*
Kleinschmidt, R. B., *Hydr.; Mechanics*
Kluge, R. W., *Struc.*
Knight, A. J., *Structural; Surveying*
Knight, S. C., *Struc.; Trans.; Soil Mech.*
Koepsell, P. L.
Kohl, J. C., *Trans.*

Kolf, R. C.
Kollner, R., *Structures; General*
Kolupaila, S., *Hydr.*
Konichek, D. H.
Koontz, C. H., *Mech. & Mat.*
Kountz, R. R., *San. E.*
Krefeld, W. J., *Structural; Mech. & Mat.*
Kubo, G. G., *Struc.; Mech.*
Kuech, R. W., *Struc.; Mech. & Mat.*
Kulhan, E. F.; *Survey.; Mech. & Mat.*
Labes, W. G., *Fire Protn. Engr.*
Lagaard, M. B., *Struc.; Eng. Drawing*
LaLonde, W. S., Jr., *Struc.*
Lamb, D. R., *Mat., Mech.*
Lambe, T. W., *Soil Mech.*
Lang, A. S.
Lang, E. H., *Gen. E.*
Langdon, H. F., *Struc.*
Lansford, W. M., *Hydr.; Mechs. & Mat.*
Larew, H. G., *Soil Mech.; Struc. & Highways*
Large, G. E., *Reinforced Concrete Design; Engr. Mechs.*
Larson, E., *Structural*
Larson, F. C., *Sanitary*
Lauer, K. R., *Mech. & Matl's*
Laughter, C. N.
Laushey, L. M., *Fl. Mechs.; Struc.*
Lavelle, F. H., *Mech. & Mat.*
Lawler, J. P., *Sanit. Engr.; Hydraul.*
Leclair, K. A.
Leclerc, A., *Hydr.; Survey*
Lee, C. N., *Mech. & Mats.*
Lee, S., *Struc.*
Leffel, R. E., *Hydr.; Struc.; San.*
Legault, A. R.
Leggett, J. L., *Structural*
Lehman, F. G., *Struc.; Mech. & Mat.*
Lehmann, G. M., *M. E.*
Leigh, A. H., *Mechanics*
Lendall, H. N., *Sanitary; Hyd.*
Lenney, J. H.
Lenz, A. T., *Hydraulics; San. Eng.*
Leonard, R., Jr., *Soils; Trans.*
Leonards, G. A., *Soil Mech.*
Lepper, H. A., *Mech. & Mat.*
Lersch, W. H., *Mech. & Mat.*
Lewis, A. D. M., *Struct.; Mech. & Mat.*
Lewis, B. B., *RR Eng.*
Lewis, R. M., *Survey., Transp.*
Li, Shu-tien, *Hydr.; Struc.; Trans.*
Liebig, J. O., Jr., *Struc., Survey.*
Lightholder, R. K., *Survey.; Trans.*
Lin, T. Y., *Struc.; Trans.*
Lindley, J. F., *Struc. E.*
Lindsey, R.
Lindstrom, C. A., Jr., *Hyd.; Sanitary*
Linebarger, R. N.
Linford, P. D., *Transp.; Const.*
Ling, D. S., *Struc.*
Linsenmeyer, R. F., *Mech. & Mat.; Struc.*
Linsley, R. K.
Littleton, E. F., *Structural; Mech. & Mat.*
Liu, H. K.
Linville, F. A., *Eng. Econ.*
Lnenicka, W. J., *Struc. Survey.; Mech. & Mat.*
Logan, J. A.
Lohr, W. S., *Structural; Mech. & Mat.*
Lommel, G. E., *Surveying*
Long, C. F., *Mech. & Struc.; G. E.*
Longwell, W. F. M., *Struc.; Soil Mech.*
Looney, C. T. G., *Struc.; Mech. & Mat.*
Lorell, W. W., *Struc.; Mech. & Mat.*
Love, J. E., *Struc. Mech.*
Lovell, C. W., Jr., *Soil Mech.; Transp.*
Lowe, L. H., *Engr. Econ.*
Lowe, T. M., *Hydraulics; Sanitary*
Lowry, W. L., Jr., *Arch.; Constr.*
Lucas, J. H., *Surveying*
Luck, L. D., *Structural; Soil Mech.*
Luebkert, W. C. B., *Engr. Dr.*
Lunsford, J. V., *Chem.; San.*
Luterancik, B. J.
Luther, H. B., *Struc.; Hyd.*
Lynch, H. E., *Mech. & Mat.*
Lynn, W. R., *San. E.; Survey.*
Lyon, G. B., *Math.; Survey*
Lyse, I. M., *Concrete, Reinf. Conc.; Eng. Mat.*
Macagno, E. O., *Hydr. Res.*
Macklin, H. L., *Survey.; Sanit.*
MacLean, E. A., *Structural; Mech. & Mat.*
Mahone, L. W., *Survey; Constr.; Transp.*
Mains, L. P., *Structural; Mech. & Mat.*
Male, C. T., Jr., *Mech.; Surv.*
Mallon, A. H., *Engr. Dwg.*
Mangasarian, R. D., *Survey*
Mangelsdorf, *Geophys. Engr.*
Mann, J. H. C.
Manos, G. P.
Mantell, M. I., *Structural; Mech. & Mats.*
Manz, O. E.
Marcus, J. S., *Mech. & Mat.*
Marmion, K. R., *Hydr. & Sanit.; Mech. & Mat.*
Marron, J. F.
Marshall, O. J., *Surveying*
Marthinsen, J., *Sanitary; Hyd.*
Marti-Marini, H., *Struc. Des. & San.*
Martinez, J. E., *Hydr.; Sanitary*
Masch, F. D., Jr., *Hydraul.; Mat.*
Mass, M. L., *Arch.; Struc.*
Matilla, A.
Matlock, H., *Soil Mech.; Mech. & Mat.*
Matthews, J. H., *Survey*
Mattson, D. W., *Mech. & Mat.*
Maugh, L. C., *Mech. & Mat.*
May, A. D., *Survey., Trans.*
May, M. C., *Surveying*
Mayer, P. G., *Geophysical Engr.*
McArthur, H. R., *G. E.*
McBeath, B. C.
McCabe, (Bro.) J., *Sanitary*
McCain, D. M., *Structural; Economics*
McCammon, L. B., *Struc.; Mech. & Mat.*
McCarthy, J. A., *Consult.; Struc.*
McCarthy, J. F., *Structural*
McCauley, H. W., *Struc.; Soil Mech.*
McCormick, C. W., *Struc.; Soil Mech.*
McCullough, F. M., *Struc.*
McEntyre, J. G., *Struc.; Survey*
McFarlan, H. J., *Surveying*
McFarlin, R. J., *Struc.; Mech. & Mat.*
McGauhey, P. H., *San. E. Res.; Hydr. E.*
McGaw, A. J., *Arch. Engr.*
McIntosh, W. R., *Mech. & Mat.; Struc.*
McKee, J. E., *San. Eng.; Hydr.*
McKevitt, J.
McKinney, R. E.
McLaughlin, R. H. B.
McLaurin, B., *Mech. & Mat.*
McLean, D. H., *Struc.; Hyd.*
McMahon, T. F
McMillan, J. H., *Mech. & Mat.*
McNair, A. J., *Surveying; Mech. & Mat.*
McNichol, W. J.
McNown, J. S., *Dn.; Fl. Mech.*
McPherson, M. B., *Hydr.; Consul. Eng.*
McVey, A. V., *M. E.*
Mees, Q. M., *Human.-Soc.*
Meese, R. H., *Soil Mech.; Mech.*
Mellard, R. E., *Private Eng.*
Mendousse, J. S., *Math.; Mats.*
Menoher, W. L., *Mechanics; Struc.*
Metzler, D. E., *Hydr., Mechs. & Mat.*
Merritt, J. L., Jr., *Struct.; Mech. & Mat.*
Merryfield, F., *San. Hydr.*
Merwin, J. E.
Merz, R. C.
Metzger, I.
Meyer, C. F., *Surveying; Sanitary*
Michael, H. L., *Transport.*
Michaels, A. S.
Michalos, J., *Struc.; Mech. & Mat.*
Miklofsky, H. A., *Mech. & Mat.*
Milbank, R. V.
Milbradt, K. P., *Mech. & Mat.; Struc.*
Miles, H. J., *Hydraulics; Sanitary*
Miles, R. D., *Transport.*
Milks, D. E., *Mech. & Mats.*
Miller, A. L., *Mech. & Mat.*
Miller, C. L., *Surveying*
Miller, E. L., *Min. Tech.*
Miller, R. H.
Miller, W. M.
Milligan, C. H.
Milner, W. W.

Mintzer, O. W., *Survey.; Mech. & Mat.*
Mirabelli, Eugene, *Struc.; Aeronautics*
Mirgain, F. C., *Sanitary; Hydraulics*
Mirsky, A. L., *Struc., Spec. Lab.*
Mitchell, C. R., *Mech. & Matls.*
Mitchell, W. G., *Struc.; Industrial*
Mittet, H. P., *Structural*
Monismith, C. L., *Soil, Mech. & Mats.*
Monsees, M. E., *G. E.*
Montz, J. M., *Survey.; Structural*
Moore, C. A., *Mech.*
Moore, E. B., *Structural; Mech. & Mat.*
Moore, J. H., *Struc.; Trans.*
Moore, L. S., Jr.
Moore, W. L., *Hydr.; Mechanics*
Moorman, R. B. B., *Struc.; Mech. & Mats.*
Morgan, C. W., *Survey.; Hydr.*
Morgan, N. D., *Struc.; Arch. E.*
Morgan, P. F., *Sanitary*
Moritz, H. K., *Hydr.; Mech.*
Morral, F. R., *Mat.*
Morris, C. T., *Structural; Mech. & Mat.*
Morris, H. M., *Hydr.; Mechs.*
Morrison, C. F., *Struc.; Mech. & Mats.*
Morrow, H. W., *Struc.; Mech.*
Morse, R. F., *Structural*
Morse, R. K.
Mortimer, K.
Mosborg, R. J., *Struc.; Mech. & Mat.*
Moser, D. H., *Survey., E. Dr.*
Moultrop, K., *Trans.; Mech. & Matls.*
Moyer, R. A., *Transp. E.*
Muhlhausen, E. K., *Mechanics & Mat.; E. Gr.*
Muga, B. J.
Muir, C. D., *Hydraulics*
Mullens, G. B., *Struc.; A. E.*
Munger, E. L., *Mech. & Mat.*
Munger, H. H., *Soil Mechanics; Mech. & Mat.*
Munzer, J. E., *San.; Soil Mech.*
Murdough, J. H., *Structural; Mech. & Mat.*
Murphy, L. J., *San. E.; Constr. E.*
Murphy, R. S.
Murphy, W. G., *Soil Mech., Struc.*
Myers, J. C., *Mech. & Mat.*
Mylrole, W. W.
Mysinger, E. D.
Namyet, S., *Struc., Surv. & Mach. Compu.*
Nara, H. R., *Mech. & Mat.*
Nedderman, W. H., *Struc; Mech. & Mat.*
Neff, R. C., *Mech. & Mat.; Appl. Math.*
Nelson, R. H., *Struc.; Mech. & Mat.*
Nemec, A. O., *Engr. Dwg.*
Nesbitt, J. B., *Sanitary*
Newlin, C. W., *Soil Mechs.; Struc.*
Newlin, P. B.
Newton, Dudley, *Struc.; Survey.; Transport.*
Noguera, J. M., *Engr. Drwg.*
Novak, L. C., *Struc.; Sanitary; Mechs.*
Oakey, J. A., *Mech. & Mat.*
O'Dea, J. J.
Oehmann, J. C., *Struc.; Engr. Draw.*
Oglesby, C. H., *Constr.; Transport.*
Ojalvo, M., *Mech. & Mat.*
Oliver, W. A., *Structural; Mech. & Mat.*
Olsen, G. A., *Struct., Mech. & Mat.*
Olson, O. N., *Struc., Mech. & Mat.*
O'Mara, J. J., *Soil Mechs.*
Ondra, O. G., *Struc.*
Ordon, C. J., *Sanit. Hydr.; Consult.*
Orlob, G. T., *San. Eng.*
Orr, J. A.
Orris, J. R., *Soil Mech.; Mech. & Mat.*
Osborn, J. C., *Mech. & Mat.*
Osgood, E. C., *Arch. Engr.*
Ostapenko, A.
Osterberg, J., *Mech. & Mat.; Soil Mech.*
Osterkamp, H. A.
Osteyee, L. F., *Hydr.; Mach. Des.*
O'Sullivan, J. J., *Mech. & Mat.*
Otts, L. E., *San.*
Owen, C. V., *Trans., San.*
Owen, W. M., *Hydr.; Mech. & Mat.*
Pabarcins, A.
Page, R. T., *Sanitary; Hydr.*
Painter, J. T.
Palmer, A. E., *Structural; Mech. & Mat.*
Palmer, R. K., *Trans.; Surv.*
Pan, S. L., *Struc.*
Pananides, N. A., *Survey; Draw.*
Panililio, F.
Pao, R. H. F., *Mech. & Mat.*
Paquette, R. J., *Transport.*
Park, J. C., *Soil Mech.; Struc.*
Parker, E. M., *Architecture; Eng. Drawing*
Parshall, M., *Sanitary*
Paterson, A., *Law*
Paul, S. L., *Mech. & Mat.*
Paulson, F. H., *Struc.*
Pauw, A., *Mech. & Mat.; Struc.*
Pearce, F. W., *Eng. Dr.*
Peck, C. F., Jr., *Struc. & Survey*
Peck, G. V., *Mech. & Mat.; Mach. Des.*
Pekarsky, A. L.
Peller, C. G., *Arch.*
Pendergast, R. C., *Mech. & Mat.*
Pendley, L. C., *Soil Mech.; Mat.*
Perez, L., *Asst. to Dean, Surv. & Photog.*
Perry, B., *Fl. Mechs.*
Perry, J. E., *Transportation*
Peterson, D. F., *Dean Engr.*
Peterson, J. E., *Hydr., Mech.*
Petty, B. H., *Transportation; Highway*
Peurifoy, R. L., *Construction*
Phillips, A., *Struc.; Mech. & Mat.*
Pian, R. H. J., *Struc.; Mech. & Mat.*
Pierce, F. C., *Soil; Constr.*
Pierce, G. O., *Sanitary*
Pignataro, L. J., *Consult.*
Pilch, M., *Hydraulics; Math.*
Piper, H. W., *Struc.; Draw.*
Pistrang, J., *Transp.*
Plock, H. J., *Struc. & Mech. & Mat.*
Plumtree, W. G., *Struc.; Mech. & Mat.*
Polkinghorne, W. C., *Struc.; Constr.*
Polkowski, L. B., *San. E.*
Popov, E. P., *Mech. & Mat.; Struc.*
Porter, N., *Consult. Eng.*
Posey, C. J., *Structural; Hydraulics*
Pothier, M. V., *Struc. & Soil Mech.*
Poucher, M. P., *Struc.*
Prentice, T. H.
Prescott, W. S., *Struct.; App. Mech.*
Preston, R. D., *Struc.*
Proctor, D. E., *Sanit.; Hydraul.*
Purnell, W. B., *Struc. Hydr.*
Purtz, C. F., *Structures; Math.*
Pyper, G. R., *San. E.*
Radcliffe, J. G., *Registrar*
Rader, L. F., *Transp., City Plan.*
Raeder, W., *Structural*
Ramberg, E. G. F., *Mech. & Mat.*
Rashid, A.
Rastrelli, L. U., *Struc.; Soil Mech.*
Rathbun, J. C., *Mech. & Mat.*
Rautenstraus, R. C., *Survey.*
Rayner, W. H., *Surveying*
Reardon, L. J., *City Plan.*
Redd, W. M., *Personnel*
Reeder, M. E., *Mech. & Mat.; Struc.*
Reen, C. G., *Transportation; Gen.*
Reese, L. C., *Soil Mech.; Struc.*
Reese, R. C., *Architectural; Struc.*
Reyhner, T. O., *Struct.; Soil Mechs.*
Reynolds, D. P.
Reynolds, K. C., *Hydraulics*
Reynolds, R. W., *Graphics*
Rhodes, F. H., *Structural; Mech.*
Rhodes, L. S., *Hydraulics*
Rice, E. F.; *Hydr. & Struc.*
Rice, P. P., *Surveying*
Rice, P. S., *Structural; Mech. & Mat.*
Rich, E., *Mathematics*
Rich, L. G.
Richards, A. M., Jr., *Struc. & Soil Mech.*
Richards, C. W., *Mech. & Mat.; Struc.*
Richards, W. L., *Constr.; Engr. Econ. & Contr. Law.*
Richardson, A. M., Jr.
Richardson, N. A., *Res. Admin.; Servomech.*
Richey, E. P.
Richmond, A. E., *Hydr.; Survey*
Ringo, B. C., *Struc.*
Ripken, J. F., *Hydr.*
Rittershaus, F. J., *Mech & Mat.*

Riveland, A. R., ***Hydr.; Structural***
Rizzi, A. V., ***Hydr.; Struc.***
Robbins, J. M., ***Sanitary; Survey.***
Roberson, J. A., *Hydr.; Mechanics*
Roberts, J. K., *Sanitary*
Robinson, D. H., ***Physical Sc.***
Robley, G., ***Hydr.; Mech.***
Robohn, W. F., *San. E.*
Rogers, F. C., *Hydr.; Soil Mech.*
Rogers, G. L., *Structural*
Rohlich, G. A., *Sanitary; Hydraulics*
Rollins, R. L.
Romualdi, J. P.
Root, J. A., *Survey.; Hyd.; San. E.*
Rosebaugh, V. H., *Struc.; Hydraulics*
Roston, C. R., *Struc.; Transp.*
Rouse, H., ***Hydr., Mech. & Mat.***
Rowan, W. H., *Hydr.; Soil Mechs.*
Rowe, R. S., ***Constr., Struc.; Mech. & Mat.***
Rowland, W. F.
Rubey, H., *Constr.; Transp.*
Ruff, P. F., *Hydr. San.*
Ruhl, R. C., *Mechanics; Struc.*
Rumer, R. R., Jr., *Sanit. Hydr.*
Rumpf, J. L., ***Struc., Mech. & Mats.***
Russ, E. G.
Ryan, D. P.
Ryckman, D. W., ***Sanitary***
Ryckman, S. J.
Ryon, L. B., ***Structural; Mech. & Mat.***
Saad, M. A., ***Mech. & Mat.; Struc.***
Sailor, S., ***Struc.; Surveying***
Sanderson, A. E., *Engr. Graphics; Consult.*
Sanger, F. J., *Soil Mech. & Found. E.; Hwy.*
Sangster, W. M., *Hydr.; Mech. & Mat.*
Sanks, R. L., *Struc.; Eng. Dr.*
Santiago-Melendez, M.
Santry, I. W., ***Sanitary; Mech. & Mat.***
Satterly, G. T., Jr., *Mechs. & Mat.*
Savage, R. L., ***Surv.***
Sawyer, H. A., ***Structural; Mech. & Mat.***
Scalzi, J. B., ***Aero.; Struc.***
Schaffner, C. E., *Structure & Survey.*
Scheer, A. C., *Transp.; Soil. Mech.*
Scheffey, C. F., *Mech. & Mat., Struc.*
Scheirer, R. D., ***Struc.; Survey.***
Schenler, W. W.
Schmid, W. E., *Soil Mech.*
Schmidt, H. P., *E. Mech.; Strength Mat.; Hydr.*
Schmidt, M. O., *Survey., Hydr.*
Schneider, R. R.
Schoder, E. W., *Hydraulics; Constr.*
Schoeffler, A. W., ***Hydr.; Soil Mech.***
Schoeller, W. C., *Mech. & Mat.*
Schroepfer, G. J., ***Sanitary***
Schwartz, R. H.
Schweizer, H. H., ***Hydr.; Mech. & Mat.***
Scordelis, A. C., ***Struc.; Mechs.***
Scott, J. E., ***Sanitary; Shop***
Scott, M. B., ***Struc.; Mech. & Mat.***
Scott, V. H., *Res., Hydr. & Groundwater*
Scottron, V. E., *Hydr.; Mech. & Mat.*
Seabrook, E. M., Jr.
Segner, E. P., Jr., *Struc.; Mech. & Mat.*
Senne, J. H., *Structural*
Sergev, S. I., ***Mechanics; Math., Struc.***
Seyler, J. W.
Shah-Nazaroff, L. G., *E. Dr.; Desc. G.*
Shank, J. R., ***Structural***
Shapiro, L., ***Soil Mech.***
Sharp, H. O., *Surveying; Transportation*
Shaw, G. R., *Survey., Trans.*
Shaw, R. N.
Shedd, T. C., ***Structural***
Shelton, E. G., ***Struc.; Arch. Eng.***
Shelton, G. R.
Sheridan, M. L., *Struct.*
Sherlin, G. C., *Hydr.; Elec.*
Sherlock, R. H., ***Structural; Constr.***
Shermer, C. L., ***Struc.; Mech.***
Shilts, W. L., *Structural*
Shine, B. J., ***Struc.; Mech.***
Shobe, L. R., ***Mech. & Mat.***
Shore, S., ***Struc., Mechs. & Mat.***
Short, W. I., *Surveying; Drawing*
Shreve, E. C., *Mech. & Mat.*
Shuga, M., *Struct.; Mech. & Mat.*
Shuldiner, P. W.
Shultis, S., ***Hydr.***
Sicular, G. M., *Hydraulic & Structural*
Siess, C. P., *Struc.*
Silverman, L., *Survey.; Heat & Ventg.*
Simas, C. F. de
Simpson, H., *Structural*
Simpson, W. M., *Structural; Aero.*
Sims, J. R., *Struct.*
Skalak, R., *Hydr.; Mech. & Mat.*
Skelton, R. R., *Trans.; Soil Mech.*
Slantz, F. W., *Dn.; Engr. Gr.*
Slaven, G. C., *Mechanics and Mat.*
Slavin, A., *Struc.; Sanitary*
Slaughter, G. M., *Hydraulics; Thermo. & Power*
Small, A. L., *Arch. E.*
Smiley, F. E., *Mech. & Mat.; Photo.*
Smirnoff, M. V., *Surveying; Photogram.; Struc.*
Smith, B. L., ***Survey***
Smith, C. B.
Smith, C. H., *Mechs. & Matls.*
Smith, C. J., *Hydraulics, Hydrology*
Smith, D. T.
Smith, J. L.
Smith, J. R., *Structural; Mech. & Mat.*
Smith, R. A., *Hydr.; Survey.*
Smith, W. C., *Survey*
Snader, D. L., *Arch. Eng.*
Snell, R. R., *Math.*
Snow, W. B., *Sanit. Engr.*
Snowden, J. R., *Struc.; Mech. & Mat.*
Snyder, J., *Gen. E.*
Snyder, R. H., *Sanitary*
Soehngen, H. F., *Survey.; Struc.*
Soler, A. C., *Sanitary; Hydr.*
Sollenberger, N. J., ***Struc., Mechs. & Mat.***
Sommers, B. K.
Sowers, G. F.
Spangler, M. G., ***Soil Mech.***
Spears, S. M.
Speiden, H. W., ***Hydraulics; Sanitary***
Spence, R. A., *Soil Mechanics*
Spencer, E. L., *Struc.; Geology*
Spencer, H. H.
Spencer, J. W., *Transp.; Survey.*
Spies, H. R., *Hydraulics; Publications*
Spinna, R. J.
Sproul, O. J.
Spry, F. J., *Surveying*
Squire, E. J., ***Structural***
Stallmeyer, J. E., ***Struc.; Mech. & Mat.***
Stallworth, T. W., *Soil Mechs.*
Stanton, C. B., ***Survey.***
Stapley, E. R., *Sanitary; Hyd.*
Stark, W.
Stearns, S. R., *Soil Mech.; Transp.*
Steel, E. W., *Sanitary*
Steele, F. W., *Mech. & Mat.; Soil Mech.*
Steffens, L. A., *Eng. Drawing*
Steinman, D. B., *Struc.; Mech. & Mat.*
Stelson, T. E., *Hydr.; Soil Mech.; Mech. & Mat*
Steven, J. R., *Survey.; Hyd.*
Stevens, J. A., *Soil Mechs.; Transp.*
Stewart, M. W., *Hydraul.*
Stiemke, R. E., *Sanitary*
Stith, R. J., *Struc.*
Stocker, G. P., *Struc.*
Stone, S. H., *Engr. Mechs.*
Stover, E. F., *Hyd.; Mech. & Mat.*
Strain, B. P., Jr.
Straub, A. L., *Transp.; Hydr. San.*
Straub, L. G., *Structural; Hydr.*
Strausser, H. S., *Fluid Mech. & Dynamics*
Streeter, V. L., *Hydraulics*
Stubbs, F. W., Jr., *Construction; Structural*
Suer, H. S.
Sullo, R. L.
Sutherland, H., *Structural*
Swenson, F. D.
Sword, E. C., *Struct.; Mechs.*
Sylvester, R. O., *Sanitary*
Szabo, A. J.
Taner, M. T.
Tauxe, G. J., *Soil Mechanics*
Taylor, A. D., *Mechanics and Materials*
Taylor, F. M., *Math.; Struc.*
Taylor, J. I., *Mech. & Mat.*

Taylor, R. H., *Hydraulics; Sediment Transport.*
Taylor, W. C., *Surveying; Sanitary*
Telfer, J. D., *Engr. Dwg.*
Terrell, D. V., *Dn. Emer.; Construc.*
Thacker, H. R.
Tharp, K. J.
Thatcher, R. Y., *Management Eng.*
Theakston, F. H.
Theroux, F. R., *Sanitary*
Thibodeaux, M. H., *Struc.*
Thoma, E. C., *Mech. & Mat.*
Thomas, N. D., *Survey.; Drawing*
Thomas, T. W., *Mat.; Transport.*
Thomen, J. A., *Struc.; Mech. & Mat.*
Thompson, H. C., *Drawg.; Mach. Des.*
Thompson, H. L., *Sanitary; Drawing*
Thompson, J. N., *Mat.; Mech.*
Thompson, S., *Struct.*
Thomson, R. A.
Thornburn, T. H., *Soil Mech.; Transp.*
Thorson, D. A., *Hydr.; Mech. & Mat.*
Timby, E. K., *Struc. Constr.; Mech.*
Timmer, D. H.
Tindal, R. T.
Tinney, E. R.
Tippy, K. C., *Hydraulics; Sanitary*
Titus, H. A., Jr.
Todd, D. K., *Hydr.*
Tomlinson, M. J., *Const. Tech.; Mat. Testing*
Tooles, C. W., *Survey.; Soil Mech.*
Toprac, A. A., *Struc.; Mech. & Mats.*
Trively, I. A., *Mechanics; Struc.*
Trowbridge, D. S., *Struc.; Surveying*
Troxell, G. E., *Mech. & Mat.; Struc.*
Truitt, M. M., *Soil Mechanics*
Tsao, C. H.
Tschebotarioff, G. P., *Soil Mech.; Struct.*
Tulin, L. G., *Struc.; Mech. & Mat.*
Turpin, R. D., *Geophy. E.*
Twiss, F. E., *Engr. Adv.; Constr. Engr.*
Uban, E. C., *Survey; Thermo. & Power*
Underwood, P. H., *Surveying; Math.*
Underwood, W. N., *Structures; Materials*
Untrauer, R. E., *Struc.; Soil Mech. & Found.*
Vandergrift, L. E., *Res.; Consult. Eng.*
Vandrey, C.
Van Hagan, L. F., *Trans.*
Van Horn, R. B., *Hydraulics; Sanitary*
Van Strien, D. O., *Transportation; Struc.*
Vasarhelyi, D., *Structural*
Vawter, J., *Structural*
Veal, D. L.
Veit, R. C., *Structural; Mech. & Mat.*
Veltrop, J. A., *Struc.; Mech. & Math.*
Vennard, J. K., *Fluid Mechanics*
Venuti, W. J., *Structural; Mech. & Mat.*
Vey, E., *Soil Mech.*
Vickress, F., *Str. Design.*
Villemonte, J. R., *M. E.*
Vitagliano, V. J., *Struc.; Mech. & Mat.*
Voelker, R. A., *Sanitary; General*
Vreeland, R. P., *Struct.; Hway., Survey.*
Wadlin, G. K., *Struc.*
Wagner, E. C., *Survey.*
Wagner, W. C., *Soil Mech.*
Wagner, W. O., *Part.; Consult. Engr.*
Waling, J. L., *Struc.; Mech. & Mat.*
Walker, C. R., *Struct.; Soil Mech.*
Wallace, F. A., *Struc.; Mech.*
Wallace, W. P., *Struc.; Soil Mech.*
Walther, C. H., *Struc.; Mech. & Mat.*
Wandmacher, C., *Struc.; Administrator*
Wang, C. K., *Struc.; Mech.*
Wang, J. T., *Struct. E.; Math.; Soil Mech.*
Wang, S. L., *Struc.; Mech.*
Wanless, R. A., *General*
Ward, J. S., *Soil Mechs.; Struc.*
Warlam, A. A.
Warnick, C. C., *Hydr.*
Wasil, B. A., *Struc., Arch. Eng.*
Watkins, J. T.
Watkins, R. K., *Soil Mech.; Mech. & Mat.*
Watters, G. Z., *M. E.*
Waymack, R. W
Weaver, F. N., *Mech. & Mat.; Struc.*
Weaver, P., *Geol.*
Weber, J. W., *Mech. & Mat.*
Wedding, P. A., *Mech. & Mat.*
Weeden, H. A., *Survey., Trans.*
Weers, W. A., *Hydr.; Sanitary*
Welch, F. W., *Surveying*
Wendt, W. B., *Mech. & Mat.; Hydr.*
Wessman, H. E., *Structural Mech. & Mat.*
Wetterstrom, E.
Wheaton, H. H., *Agricultural*
Wheeler, R. J.
Wheeler, W. H., *Consult. Engr.; Struc.*
Whelan, D. E., *Geodetic Survey*
Whisler, B. A., *Sanitary*
White, A. H., *Consult.*
White, J. R., *Mech. & Mat.*
White, M. P., *Structural*
Whitehurst, E. A., *Highways & Mat.*
Widmer, W. J., *Sanit.; Hydr. Engr.*
Wiesenfeld, J., *Struc.; Mech. & Mat.*
Wiesinger, F. P., *Structural Eng.*
Wilbur, J. B., *Structural; Trans.*
Wiley, R. B., *Sanit.; Emer.*
Wilke, H. R., *Sanitary*
Williams, H. A., *Soil Mech.; Struc.; Mats.*
Williams, T. T., *Mech. & Mat.*
Wilson, D. M., *Structural; Mech. & Mat.*
Wilson, F. W., *Structural*
Wilson, N. E., *E. Dr.*
Wilson, T. H.
Winfrey, R., *Personnel; Transport.*
Winterkorn, H. F., *Soil Eng. & Constr. Mat.*
Wintz, W. A., Jr.
Witt, R. P., *Survey*
Wolman, A., *Sanitary*
Wood, H. W., *Hydr.; Sanitary*
Wood, L. E.
Woodburn, J. G., *Hydraulics*
Woodring, R. E.
Woods, K. B., *Transport.; Soil Mech.*
Wright, C. A., *Hydraulics; General*
Wright, D. T., *Mech. & Mat.*
Wright, S. R., *Sanitary; Mech. & Mat.*
Wyly, L. T., *Structural*
Yarborough, K. A., *Sanit. Engr.*
Young, D. H., *Mechanics; Struc.*
Young, George A.
Zetlin, L.
Zimpfer, W. H.
Zoller, J. H., *Hydr., Soil Mech.*
Zuk, W., *Mech.*

COORDINATORS OF COOPERATIVE ENGINEERING

Alderman, A. A., *Supr. Tech. Traing.*
Almstead, F. E.
Ashenhurst, F. F., *English; Econ.*
Askounes, P. N., *Coop.*
Auld, R. B.
Bartlett, P. E.
Baughman, G. H., Jr.
Bechtold, R. H., *Registrar*
Bergren, G. W., *Supv. Coop. Eng. Ed.; M. E.*
Bintzer, H. R.
Blumberg, L.
Boehne, E. W.
Bolz, R. E., *Aero. Eng.*
Booth, A. A. K., *Civil*
Brinkman, T. H., *I. E.; Ind. Rel.*
Brown, F. S., *Trg. Repr.*
Burns, R. K., *Dir. Pers. Rels.*
Cason, F. L.
Collins, S. B.
Dawson, J. D.
DeGarmo, E. P.
Doyle, L. E., *I. E.*
Dunn, P. J., *Coop. Ed.*
Evans, H. S.
Famularo, J. J.
Fetty, H. D., *Dir.*
Fisher, S. E., *Placement*
Fulton, A. M., *Coord. Curric. Develop.; Engl.*
Gearing, C. E.
Guse, C. E.
Hamlen, E. K., *Engr. Drawg.*
Harkey, J. W., *M. E.,; Thermo. & Power*

Harms, J.
Houchens, J. M., *Reg.*
Hudson, J. L.
Hummel, J. O. P.
Hunt, D. C.
Jaeger, D. T., *Place.*
Jones, J. O., *Math.*
Justice, H. K.
Kapp, C. A., *Dir.; Tech. Inst.*
Knight, L. J., Jr., *Eng. Extension*
Krill, A. M., *Thermo. & Power*
Kilbourne, L., *Human.-Soc. Stud.; Psy.*
Kirchner, J. W., *Electrical*
Labanauskas, P. J., *Human.-Social*
Libby, W. E., *Coord.; M. E.*
Martinson, E. P.
Matz, C. H., *Tech. Inst.; M. E.*
McCaleb, O. K.
McGuirk, D. R.
Meade, R. D.
Medford, W. E., *Coord. Collg. Rels.; Ch. E.*
Messinger, H. C.
Michaelson, J. L., *Gen. E.*
Miller, M. L.
Morgan, J. C.
Murray, W. M.
Neal, J. W., *Aero. & Aero. E.*
Panlener, R. J.
Reed, D. S.
Renn, R. W., *Civil*
Robinson, M. B.
Schmidt, A. C.
Schreiber, H. F.
Spahr, R. H.
Spivey, E. C., *Co-op. Coord.*
Starnes, D. E., *Chf. Tr. Div.*
Stoudt, T. G., *Pres.*
Strong, E. M., *Illum.*
Strongman, R. B., *Engr. Draw.*
Susat, E. C.
Sutherland, W. A.
Tutt, C. L.
Van Wye, R. A., *Chemical Engineering*
Wallace, W. P.
Watson, C. E., *Ind. Rel.*
White, W. C.
Wohlford, J. G., *Elec. Engr.; Power*
Woolridge, R. L., *Dir.*

ECONOMICS AND ENGINEERING ECONOMY

Brewster, M. R., *Human-Social*
Butler, H. T., *Mgmt.; Hist.*
Cooke, N. M., *Math.*
Fox, B. B.
Goetz, B. E., *Industrial*
Grant, E. L., *Civil; Industrial*
Grant, H. H., *Social-Human.*
Gruehr, A. R., *Econ.; History*
Hastings, H. B., *Human.-Soc.*
Hickman, C. A.
Holstein, E. J., *Hist.*
Kattwinkel, O. F., *Industrial*
Lesser, A., *Industrial*
Lopata, S., *Econ.*
Matchett, G. J., *Bus.; Econ.*
McIlvaine, W. D., *Asst. Dn.*
McKenry, Neil
Melman, S., *Ind. E.*
Nordquist, C. G.
Palmerton, L. R., *Eng.-Social Sci.*
Paul, E. W.
Price, R. C., *C. E.*
Schmid, M. D., *Tech. Inst.*
Sharlin, H. I., *His.*
Singer, D. B., *Math.*
Spafford, W. F., *Ind. Eng.*
Spinner, A. H.
Thor, E., *I. E.*
Van Winkle, E. H., *Industrial*
Weaver, J. B., *Ch. E.*
Weinwurm, E. H., *Management, Acct., I. E.*
Wilcox, D. B.
Williams, S. C., *Industrial*

ELECTRICAL ENGINEERING

Abou-Taleb, N. M.
Abbasi, A., *English*
Abraham, G., *Phys.*
Abramowitz, A., *Alum.; Physics; Power*
Adams, L. C., *Physics*
Adams, R. F., *Electronics; Drawing*
Agarwal, P. D.
Ahlquist, R. W., *Power; Illum.*
Ahmad, Z. U.
Ahuja, A. D.
Aidala, J. B., *Power*
Akhurst, D. O.
Albert, A. L., *Electronics*
Albright, W.
Alden, C. R., *Elec. Power E.*
Alexander, G. C., *Math.*
Alger, P. L., *Math.*
Allison, N. B.
Amer, S. H.
Anderson, A. M., *Mgr. Engr.*
Anderson, E. M., *Electr.; Power*
Anderson, E. P., *Electronics*
Anderson, L. T., *Elec. & Comm.*
Anderson, R. E., *Electr.; Power*
Anderson, W. T., *Power; Physics*
Andrew, E. H., *Control, Math.*
Angelo, E. J., Jr., *Circuit Theory, Elec.*
Ankrum, P. D., *Elec. & Comm.*
Antel, J. S., *Electronics*
Appel, W. W., *Physics*
Archer, L. B., *Circuits, Math.*
Arlin, M. N., *Elec. & Comm.*
Armington, R. E., *Power*
Arneson, H. E.
Arthur, G. R., *Control; Ind; Admin.*
Artley, J. L., *Control, G. E.*
Atkins, J. W., *Power; Math.*
Atwood, K. W., Jr., *Phys.*
Attwood, S. S., *Dn.; Phys.*
Austin, G. A., *Math.*
Avil, R. D., *Power; Mech. & Mat.*
Ax, L. S., *Power; Physics*
Ayres, E. D., *Eng. Econ.*
Babb, D. S., *Power*
Baccus, I. B., *Power; Mathematics*
Bailey, A. D., *Electr. & Control*
Bailey, R. E., *Commun.*
Bailin, L. L.
Baird, J., *Math.*
Baker, H. C., *Math.*
Baker, R. C., *Mech. & Mat.*
Balabanian, N., *Math.; Electr.*
Baldwin, E. N.
Balint, A. T., *Thermo. & Power*
Ball, A. J., *Aero.*
Ball, W. L., *Power*
Barbe, E. C.
Barclay, W. J., *Electr. & Commun.; Physics*
Bard, R. E., *Electronics*
Barker, R. C., *Solid-State Dev., Servmech.*
Barkson, J. A., *Math.*
Barnes, G. C., *Min. Tech.*
Barnett, B.
Barnette, N. H., *Control*
Barry, L. C., *Engr. Econ.*
Bartholomew, D., *Power; Elec. & Comm.*
Bartlett, B. W., *Physics*
Barus, C., *Electronics*
Battocletti, J. H.
Baum, H., *Power; Control*
Beach, R. K., *Consult.*
Beam, R. E., *Physics; Math.*
Beaver, J. L., *Power Econ.*
Beck, L. E., *Power; Electronics*
Becker, S., *Research*
Bell, N. R., *Power; Mech. E.*
Benedict, R. R., *Electr.*
Bennett, R. D., *Physics*
Bergseth, F. R., *Power*
Beroza, P. P., *Electronics; Math.*
Berry, W. B., *Math.*
Betros, L. A., *Television*
Betts, A. L., *Electr.; Illum.; Power; Control*
Bewley, L. V., *Power*
Bibber, H. W., *Power; Econ.*

Bingham, L. A., *Power*
Binzel, M. S.
Biringer, P. P., *Math.*
Birkemeier, W. P.
Blackwell, W. A., *Power; General*
Bialock, G. C., *Power*
Blanchard, F. A., *Electronics*
Blanchard, J. W., *Physics*
Bliesner, G. H., *Physics*
Blumberg, L., *Mechanical*
Blumenthal, I. S., *Electronics; Control; Draw.*
Boast, W. B., *Gen. E.*
Bogan, C. W., *Heat; Air. Cond.; Ventil.*
Boehne, E. W., *Cooperative Education; Power*
Boggess, R. L., *Electronics*
Boghosian, W. H., *Electronics, Control*
Bolton, F. C., *Pres. Emer.*
Bond, T. H., *Power*
Bolle, D. M.
Bonin, J. A.
Booker, H. G., *Phys.*
Boone, E. M., *Electronics*
Boudreaux, F. J.
Boulet, J. L.
Bourne, H. C., *Control*
Bourne, R. D., *Power*
Bourret, P. L.
Bowden, F. W., *Power*
Bowhill, S. A.
Bowler, D. L., *Electronics*
Bowles, L. W., *Phys.*
Bowman, J. H., *Power*
Brands, F. W.
Breazeale, W. M., *Nuclear; Control*
Brenner, E., *Electronics; Control*
Brenton, Walter
Brinda, J., *Elec. & Comm.; Math.*
Britton, C. C., *Electron. Commun.*
Bronwell, A. B., *Commun.*
Brown, A. S., *Power*
Brown, E. L.
Brown, G. S., *Instr.; Control*
Brown, J., *Control*
Brown, J. L., Jr., *Math.; Commun.*
Brown, L. H., *Illum.; Power*
Brown, R. W.
Brown, W. F., *General*
Bruce, J. D., *E. Eng. & Phys.*
Bryant, J. M., *Power*
Buffinger, Wm., *Pres.*
Bullen, C. V., *Power; Electronics*
Burke, P. E.
Burnett, J. R., *Comp. & Contr.*
Buxton, A. C., *Electr., Math.*
Cahn, C. R.
Calvert, J. F., *Power; Computing; Math.*
Cameron, C. F., *Power*
Campbell, J. S., *Power; Mat.*
Canan, S. W., *Power; Gen.*
Canavaciol, F. E., *Electronics*
Canfield, D. T., *Instrumentation; Eng. Econ.*
Cannon, W. W., *Electr., Math.*
Cardoso, A. C.
Carey, J. J., *Power*
Carlson, A. W.
Carr, C. C., *Power, Elec. & Comm.*
Carson, R. S., *Math.*
Carter, R. J., *Elec. Pow.; Math.*
Cartland, F. W.
Cartwright, P. A., *Power, Comm.*
Carver, C. E., Jr., *Mech. & Mat.*
Carver, L. A., *Electronics & Comm.*
Cassell, W. L., *Communication*
Catlin, A.
Cavalconte, C. C., *Res.; E. Ed.*
Caverley, L. C., *Power*
Caywood, W. P., Jr., *Res. & Devel.*
Chambers, C. C., *Math.; Electronics*
Chameides, M., *Control; Power*
Chandler, H. M., Jr.
Chang, S. S.; *Physics; Power*
Chapman, C. R., *Power*
Chaston, A. N.
Cheadle, J. N., *Elec.; Physics*
Chen, G. K. C., *G. E.*
Chen, W. H., *Res. & Dev.*
Chenea, P. F.
Cheng, D. K., *P. E. E.; Math.*
Cherry, C. E., *Drawing; Mathematics*
Cherry, L. B., *Electr.; Physics; Control*
Chinburg, C. H., *Power*
Chipman, R. A., *Commun.; Res.*
Chirlian, P. M., *Math.*
Chute, G. M., *Electronics, Ind. E.*
Clark, C.
Clark, E. E., *Power Communication*
Clark, J. C., *Eng. Econ.; Power*
Clark, J. R.
Clark, W. F.
Clarke, J. G., *Power; Comm.*
Clements, D. F., *Electr.; Physics*
Clements, S. E., *Communication*
Cleveland, L. F., *A-C Machinery & Control Lab.*
Clothier, J. B., *Power; Elec. & Comm.*
Coburn, T., *Administrator; Pers.*
Cochran, L. B., *Electronics*
Cochrun, B. L.
Cocke, R. P., Jr.
Cogan, I., *Control*
Cohn, G. I., *Physics*
Cole, L. S., *Electronics; Physics*
Coleman, H., *G. E.*
Coleman, J. B., *Power*
Comly, S. P.
Connell, J. B., *Electronics*
Conner, C. L., *Asst. Dn.; Appl. Math.*
Conover, L. J., *Power; Math.; Control*
Conrad, A. G., *Power*
Cooke, N. M., *Mathematics*
Cooke, S. P., *Electronics; Physics*
Cooper, G. R., *Electr.; Physics*
Coover, M. S., *Admin. Asst.; Power*
Corcoran, G. F., *Power; Elec. & Comm.*
Cotellessa, R. F., *Physics*
Cotner, W. W., *Power Elect.; Auto. Contr.*
Cottom, M. C., *Power*
Courtice, H. A.
Cox, C. W., *Power; Control*
Crabtree, K. G., *Power; Elec. & Comm.*
Craig, E. J., *Comm.; Math.*
Craine, L. B., *Electr.*
Crary, S. B., *Power*
Craun, H. D., *Elec. & Comm.; Mech.*
Creager, P. S., *Power; Mech.*
Creamer, W. J., *Communication*
Crompton, R. H., *Electr.*
Cromwell, P. C., *Power; Math.*
Cronvich, J. A., *Elec. Commun.*
Crosby, H. A., *Appl. Science*
Crosno, C. D., *Power; Gen.*
Crothers, M. H.
Crow, L. R., *Physics; Electronics*
Crum, F. M., *Electronics; Control*
Cunningham, W. J., *Math.*
Curl, G. W., *Physics*
Curtis, C. V., *Electronics*
Daggett, P. H., *Power*
Daley, J. L., *Power; Elec. & Comm.*
Daily, H. J.
Dasher, B. J., *Cir. Theory*
Davidson, R. A., *Phys.*
D'Azzo, J. J., *Control*
Davison, B., *Electronics*
Dawes, C. L., *Power; Physics*
Dawes, L. M., *Power; Industrial*
Dawson, C. H., *Control; Math.*
Dean, J. E., *Electronics*
Decker, F. A., *Power; Mechanical*
Dechant, W. G., *Power; Control*
Defina, F. P., *Comm.; Electronic*
DeFrance, J. J., *Elec. Tech.*
Delgrosso, A. L.
Deltoro, V., *Power*
Denison, J. S.
Deplan, L., *Physics; Electronics*
Derks, R. J., *Design*
Dermer, R. D., *Res. & Dev.*
Desnoyers, H. B.
Devine, J. J., *Civil E.*
Dick, W. K., *Power*
Dicker, P. E., *Elec. & Comm.*
Dickey, D. W., *Comm.; Math.*
Dillingham, H. C., *Electronics & Comm.*
Dios, Z. B., *Power, Econ.*

Dixon, H. S., *Power*
Dixon, J. D.
Doggett, L. A., *Power*
Dolansky, L. O., *Commu.; Phys.*
Doria, O. P.
Douglas, J. F. H., *Power, Comm.*
Dow, W. G., *Physics; Elec.*
Drake, R. L.
Dreese, E. E., *Power*
Dreifke, G. E., *Control; Mech. & Mat.*
Dubbe, E. C., *Power*
Dubois, T. R., *M. E.*
Duke, A. L., *Math.; Power*
Duncan, R. H., *Physics*
Dunn, C. H., *Nuclear & Control Eng.*
Dunn, O. E., *Power; Control*
Durnford, R. F., *Power; Elec.; Comm.*
Dutcher, B. C., *Electr.; Math.*
Dyche, H. E., Jr., *Tech. Inst.*
Eager, M., *Electr.*
Eastman, A. V., *Electr.*
Eaton, J. R., *Power, Nucleonics*
Eberhardt, A. E., *Comm.; Control*
Ebert, I. O., *Electr.; Communs.*
Eckel, J. R., Jr.
Eckels, A. R., *Control*
Eckersley, A.
Edgerton, H. E., *Electronics*
Edison, O. E., *Power; Control*
Edminister, J. A.
Edmison, H. R., *Electronics*
Edson, W. A., *Elect.; Physics*
Elliott, B. J.
Elliott, H. Y., *Gen.; Electr.; Power*
Ellis, J. L., *Power; Aero.*
Ellithorn, H. E., *Network Theory; Acous.*
Elmergreen, G. L.
Embry, B. L., *Power; Electr.*
Emery, W. L., *Physics*
Engelmann, R. H., *Control. Commun.*
Engle, J. F.
Engwicht, H. M., *Electronics*
Eppers, W. C., Jr., *Phys.*
Epstein, D. J., *Physics*
Epstein, M., *Hum.-Soc.*
Erickson, W. H., *Power*
Erteza, A., *Phys.*
Eshbach, O. W., *Engr. Sci. & Phys.*
Essigmann, M. W., *Elec. & Comm.; Math.*
Essler, W. O.
Evans, F. E., *Power*
Evans, H. S.
Evans, J. P.
Ewing, D. D., *Power*
Ewing, D. J., Jr.
Faiman, R. N., *Electr.; Control*
Fairchild, E. L., *Power; Control*
Farrar, C. L., *Elec. & Comm.*
Faucett, M. A., *Power; Mechanical*
Fegley, K. A., *Control; Power*
Fellers, R. G., *Elect.; Microwaves*
Ferguson, O. J., *Writing*
Ferguson, S. A., *Electronics*
Fich, S., *Elec. & Comm.*
Field, L. M., *Electronics*
Fife, S. T., *Power; Communication*
Finzi, L. A., *Power*
Fiol, L. E.
Fischer, D. A.
Fischer, F. P., *Comm., Elect.*
Fisher, B. A., *Power Comm.*
Fisher, F. P., *Phys.*
Fishman, S., *Communication*
Fitzgerald, D. F., *G. E.*
Fitzgerald, J. A., *Power; Comm.*
Fitzhugh, P. M.
Fleckenstein, E. L.
Fleming, P., Jr.
Fletcher, H. E., *Engineering Drawing*
Fletcher, H. R., *Math.*
Flockenstein, E. L.
Foecke, H. A., *Eng. Science*
Foltz, L. S.
Forbes, A. H., *Power*
Ford, D. J., *Nuclear Contr. Sys.*
Foster, D. V., *Mech. & Mat.*
Fouraker, R. S., *Power; Comm.*
Fowler, C. A., III.
Frank, E., *Medical Electronics*
Frazier, R. H., *Control; Measurement*
Friedlaender, F. J.
Fristoe, H. T.
Froehlich, C., *Mathematics*
Fryberger, E. L., *Elec. Pow. Mach.; Bas. Elec.*
Fuller, W. D., *Mineral Technology*
Gabriel, E. Z., *Computers*
Gabriele, T. C., *Elect., Power*
Gadsden, C. P., *Phys.*
Gafford, B. N., *Power*
Galbraith, R. A., *Power; Gen.*
Galbraith, R. A. H.
Gamble, W. H., *Electronics & Comm.*
Garrott, W. L., *Tube Design*
Geils, J. W., *Asst. V. P.*
Gentile, R. G., *Nuc. Eng.*
Gerlough, D. L., *Electr.; Trans.*
German, J. P., *Phys.*
Geyer, M. A.
Giarola, A. J., *Phys.*
Gibson, J. E., *Autom. Contr.; Servomech.*
Giet, G. R., *Electronics*
Gillan, M. J., *Power; Mech. & Mat.*
Ginning, R. M., *Math.*
Giordano, A. B.
Giroux, V. A., *Power*
Gisser, D. G., *Physics*
Gless, G. E., Jr., *Electr.*
Glover, E. C., *Power*
Goldman, S., *Elec. & Comm.; Physics*
Goldsmith, A., *Power, Elec. & Comm.*
Goldstein, M. H., *Commun.*
Gomberg, H. J., *Nucl. E.*
Gonsalves, L., *Circuit Theory*
Goodheart, C. F., *Power*
Goodin, C. P.
Goodwin, E. B., *Electronics; Physics*
Goodwin, J. P., Jr.
Gordon, J. P.
Graham, J. D.
Graham, P. J., *Electronics*
Grandi, L. L., *Power; Heat Power*
Grasshoff, L. H., *Math.*
Gray, P. G., *Power; Ind. Personnel*
Gray, T. S., *Electronics*
Gray, W. F., *Power*
Greiner, R. A., *Phys.*
Green, D. B., *Electronics*
Green, J. W., *Electr.; Physics*
Greenstein, P., *Communication*
Greer, R. W., *Control*
Griffith, E. G., *Electronics; Math.*
Griffith, J. W., *Illum.; Industrial*
Grimm, C. J., *Illum.; Power*
Grisamore, N. T., *Physics*
Grogan, W. R., *Eng. Econ.*
Gross, E. T. B., *Power*
Grove, A. W., *Power*
Grove, J. F.; *Power*
Gruehr, A. R.
Guilford, E. C., *Physics*
Guillemin, E. A., *Elect. & Comm.; Math.*
Guinn, J. R., *Phy.*
Gundlach, J. T., *Power; Lang.*
Haas, V. B., *Control; Power*
Hackett, A. J., *Electr.; Tech. Inst.*
Haertel, D. G., *Electron.; Power*
Hale, H. W., *Power*
Halijak, C. A.
Hall, C. F., *Res.*
Hall, F. T., Jr., *Electr.*
Hallmark, G. D.
Halstead, W. R., *Tech. Inst.*
Ham, J. M.
Hamilton, H. B., *Power, Control*
Hammond, G. H., *Physics & Electronics*
Hammond, S. B.
Hammond, W. M.
Hang, D. F., *Engr. Econ.*
Haning, J. O., *Electr.; Math.*
Hanna, W. J., *Power*
Hanrahan, D. J., *Aero Control Systems*
Hansteen, H. B., *Power; Physics*
Harbour, R. D., *Electr.; Math.*
Harman, W. W., *Electr.; Physics*
Harris, H. D., *Electr.*

Harris, L. D., *Servomechanisms*
Hartig, H. E., *Elec. & Comm.; Physics*
Hartman, D. P.
Hartwig, W. H., *Control; Aero.*
Hashmall, M. L.
Hattrup, H. E., *Power; Control*
Haupt, L. M.
Hausenbauer, C. R., *Electr.*
Hawkes, J. B., *Res.; Physics*
Haxby, B. V., *Commun.; Phys.*
Haynes, F. B.
Hayt, W. H., Jr., *Commun.*
Hayward, H. N., *Power*
Hazeltine, A., *Elec. & Comm.*
Hazen, H. L., *Power*
Healy, W. L.
Heckbert, A. I.
Heckelman, R. W., *Computers; Electronics*
Hedrich, W. A., *Illum.; Lang.*
Heinlein, R. I., *Power*
Heizer, K. W.
Hellerman, H., *Math.*
Helm, M. S., *Power*
Holub, A. J.
Helwig, W. F., *Power; Math.*
Henninger, G. R.
Herald, C. A., *Electronics; Power*
Herweh, A. C.
Hess, H. M., *Assoc. Dn.*
Hesselberth, W. M.
Hessemer, R. A., Jr., *Commun. & Electron.*
Hessler, V. P., *Power*
Hetzel, T. B., *E. Dr.*
Hibshman, N. S., *Admin.*
Hicks, J. J.
Higginbotham, D. E., *Power; Control*
Higgins, T. J., *Circuits; Power; Control*
Hill, J. W., *M. E.*
Hill, R. F., *Nuclear Engr.*
Hinebaugh, M. E., *Electronics*
Hirst, J. M., *Power; Power Pl.*
Hitchcock, L. W., *Power*
Hixson, W. A., *Electronics*
Hoadley, G. B., *Mathematics*
Hoard, G. L., *Control; Mech. & Mat.*
Hobson, J. E., *V. P.; Res. Dir.*
Hodes, I., *Physics; Comm.*
Hodgins, L. J., *Power*
Hoehn, A. J., Jr.
Hoffee, H. L.
Hoffman, C. H., *Control; Mech.*
Hogan, J. C., *Power; Control*
Hollman, C. W., *Power; Gen.*
Hollan, A. J., *Power; Illum.*
Holland, L. N., *Elec. & Comm.; Physics*
Holland, W. A., *Power*
Holsberg, P. J.
Holt, C. A., *Phys.*
Holt, C. B., *Power; Mathematics*
Honnell, M. A., *Res. Electr.*
Honnell, P. M., *Res., Consl.*
Hooven, M. D., *Humanistic-Social*
Hoover, W. G., *Power*
Hopkin, A. M., *Control*
Hopkins, M. H., Jr., *Math.*
Horan, T. M., *Ind. E.*
Horgan, J. D., *Control*
Horn, H. W., *Illumination*
Horn, T. R.
Hostetter, J. W., *Power*
Hough, C. C.
Houpis, C. H., *Control*
Houston, C. E., *Dig. Comp.*
Hovey, B. K., *Power*
Howard, D. G.
Howell, A. H., *Electronics, Res.; Commun.*
Howes, D. E., *Control*
Hraba, J. B.
Hu, Y. Y. S., *Math.*
Hubert, C. I., *Control & Power*
Huelsman, L. P.
Huggins, W. H., *Circuit Theory; Comm.*
Hughes, M. C., *Power*
Hummer, J. L., *Electronics; Control; Mech.*
Humpherys, D. S., *Math.*
Humphries, P. H., *Power*
Hunt, O. D., *Illumination; Power*
Hunt, W. T., Jr., *Power; Math.*
Huss, P. O., *Power; Control*
Huydts, L. H. M., *Electronics*
Hyde, C. M., *Phys.*
Ibata, R. M., *Power; Electronics; Control*
Ibsen, S. C., *Physics*
Iijima, K.
Ingram, S. B., *Dir. Educ. & Tr.*
Iriand, G. A., *Power; Elec. & Comm.*
Jackson, J. S., Jr., *Physics*
Jacobs, L., *Math.*
Jamison, J. S., *Power*
Janisz, T., *Power; Comm.; Physics*
Janza, F. J., *E. Econ.*
Jarand, L. N., *Res.*
Jeffries, R. J., *Elec. & Comm.; Physics*
Jenkins, H. M., *Power; Physics*
Jenkins, J., *Electr.; Ind. Admin.*
Jenkins, L. B., Jr.
Jenness, R. R., *Control; Mathematics*
Jessup, B. A., *Math.*
Johnson, D. L., *Electronics; Computers*
Johnson, H. O., *Asst. Prog. Devl.*
Johnson, J. H., *Power Gener.; Tra. & Distrib.*
Johnson, M. R., Jr., *Power*
Johnson, W. C., *Electronics*
Jones, E. C., *Power*
Jones, E. W.
Jones, M. W., *Power*
Jones, R. W., *Control*
Jones, T. F.
Jonsson, J. J.
Jordan, E. C.
Jordan, W., III, *Power & Control; Phys.*
Joseph, D.
Jutila, S. T., *Physics*
Kaplan, M. N., *Power*
Karakash, J. J., *Electr.; Math.*
Karlson, J. H., *Power*
Kay, W. K., *Power; Electronics*
Keenan, J. A., III
Keller, E. W., *Mathematics*
Kelly, G. E., Jr., *Math.*
Kelly, P. J., *Inst. E. E.*
Kelsey, J. R., *Electr.*
Kennedy, O. W., *Math.*
Kent, G. J., *Tech. Inst.*
Kerchner, R. M., *Power*
Kerr, R. B.
Kerr, W., *Control; Nuclear E.*
Kimball, D. E.
Kimberly, E. E., *Power; Comm.*
King, E. F., *Electr.; Gen.*
King, M., *Communication; Power*
King, R. J., *Gen. Eng.*
Kingsley, C., Jr., *Power; Control*
Kinnen, E.
Kinney, E. E., *Power*
Kirchner, J. W.
Kirwin, G. J., *Math.*
Kittinger, W. T., *Power; E. Dr.*
Klekotka, J. A., *Electr.; Physics*
Kletsky, E. J., *Math.*
Klingenberger, J. L., *Auto. Controls*
Kloeffler, R. G., *Electronics*
Knipmeyer, C. C., *Power*
Knox, R. F., *Power*
Kochenburger, R. J., *Controls*
Koehler, G., *Electronics; Math.*
Koenig, H. E., *Power; Control*
Koepsel, W. W.
Koerner, C. T., *Trans. E.; Commun.*
Koga, I., *Electronics*
Koopman, R. J. W., *Control; Aero.*
Kosow, I. L., *Elec. Tech.*
Kosso, E. V., *Power; Electronics*
Kownacki, S., *Communications; Electronics*
Kraybill, E. K., *Illumination*
Kramer, L. A., *Power*
Krauss, H. L., *Networks, Electronics*
Kravetz, A. J., *Power; Electronics*
Kreer, J. B., *Math.*
Krupnik, S., Jr., *Power; Math.*
Ku, Y. H., *Res.*
Kubiak, H. J., *Power; Physics*
Kult, M. L.
Kult, M. L., *Electronics & Commun.*

Kunse, R. M., *Tech. Res.*
Kurtz, E. B., *Power; Illumination*
Kusko, A., *Power*
Labanauskas, P. J., *Languages; Electr.*
Ladd, R. E., *Electronics; Arch.*
Ladner, R. B.
Lago, G. V., *Electronics; Control*
Lake, R. E., *Communications*
Lamb, J. F., *Power*
Lambert, R. F., *Mathematics; Comm.*
Landgrebe, D. A., *Math.*
Langford, J. W., *Elec.; Physics*
LaPierre, W. A., *Math.*
La Prade, G. L., *Electronics; Physics*
LaTorre, V. R., *Physics*
Larsen, M. J., *Communication*
Larsen, T., *Power; Physics*
Larson, S. C., *Elec. & Comm.*
Lauchland, L. S., *Power; Math.*
Law, K. J.
LeClair, T. G., *Power*
Lee, C., *Physics*
Leffell, W. O., *Power*
Lehman, L. G., *Power; Electronics*
LePage, W. R., *Psychology; Electr.*
Levine, M., *Math.*
Levis, C. A., *Math.*
Lewis, F. F., Jr.
Lewis, F. W.
Lewis, P. M., II
Lewis, R. C.
Lewis, W. A., *Power; Math.*
Ley, B. J., *Electr.; Control*
Libbey, W. M., *Commun.*
Liebersohn, A., *Res. & Cons.*
Lincoln, R. T.
Lind, M. S., *Elect. & Com.; Power*
Lindblom, R. E., *Power*
Lindley, K. E., *Power, Systems*
Lindon, P. H., *Power*
Lindvall, F. C., *Mechanical*
Lingelbach, D. D., *Power*
Linzo, L. E., *Power*
Lipkin, L., *Systems Studies; Electronics; Res.*
Liu, M., *Power; Electronics*
Liwschitz-Garik, M., *Power; Physics*
Locke, W. W., *Power; Illum.; Elect. Maint.*
Lockwood, H. J., *Civil; Mechanical*
Löf, J. L. C., *Electr.*
Lofy, F. J., *Power, Electronics*
Lomaz, D. de L., *Electronics; Control, Admin.*
Long, F. M.
Long, V. O., *Power; Electronics; Math.*
Long, W. W.
Longo, C. V., *Electronics*
Lonsdale, E. M.
Lott, A. O., *Eng. Dr.; Control*
Lovell, A. H., *Power; Econ.*
Lovell, W. S., *Power*
Lovett, I. H., *Power*
Lowry, R. M., Jr.
Lubelfeld, J., *Comm.*
Lucal, H. M., *Mathematics; Electronics*
Lucas, F. B.
Luce, E. S., *Radio*
Lucky, G. W., *Math.*
Luecke, E. J., *Physics*
Lynch, W. A., *Electronics*
Lyon, J. A. M., *Electronics*
Lyon, T. I., *Tech. Inst.*
MacFarland, H. T., *Electronics*
Magnusson, P. C., *Power; Math.*
Mahrous, H.
Maler, G. J., *Math.*
Maney, C. T., *Control*
Mann, P., *Power*
Mann, R. L.
Manninig, M. L., *Power*
Manzo, J., *Elect.*
Marcuvitz, N., *Physics*
Marsh, R. F., *Control*
Marshall, S. J., *Powr., Elect.*
Martin, A. R., *Math.*
Martin, T. L., Jr.
Maskalenko, E. J.
Masnaghetti, R. K., *Physics*
Mason, H. R., *Power Mach.*
Mather, N. W., *Elec. & Comm.*
Mathias, R. A., *Control, Elect.*
Mathis, H. F., *Mathematics*
Matsch, L. W., *Power*
Matte, A. L., *Physics*
Matthews, E. W., Jr., *Physics*
Maxfield, H. A., *Power*
McCabe, B., *Electronics; Physics*
McCabe, W. M., *Electronics*
McCann, G. D., *Mathematics; Power*
McClain, F. H., *Power*
McClelland, F. M.
McClure, O. E., *Power; Physics*
McCollum, R. C.
McCracken, L. G.
McDuffie, G. E., *Electronics*
McEnany, M. V., *Personnel*
McFadden, J. A., *Math.*
McKay, G., *Electronics*
McKee, J. C., Jr., *Power, Elec. Compu.*
McKeel, J. T., Jr., *Math.*
McLean, L. V., *Electronics*
McMullen, C. W.
McPherson, G., *Human. Soc. Studies*
McRight, R. B., *Power; Gen.*
Mearls, W. J.
Meier, O., Jr., *Power; Physics*
Meister, R., *Physics*
Melehy, M. A., *Electr.*
Melloh, A. W., *Commun.; Control*
Melvin, D. W., *Phys.*
Menke, E. M., *Power; Mech. & Mat.*
Meola, R. R., *Power; Electr.*
Merrill, H. S., Jr., *Math.*
Merry, B. E., Jr., *Ind. Elec.*
Meserve, W. E., *Power; Physics*
Messer, S., *Power, Math.*
Michael, B. A.
Michael, F. R., *Electronics*
Michalowicz, J. C., *Power; Elec. & Comm.*
Middendorf, W. H. H., *Power*
Mikhail, S. L., *Math.*
Miles, H. L.
Miller, A. L., *Power; Mathematics*
Miller, J. B., *Power*
Miller, J. E.
Miller, J. L.
Miller, R. F., *Physics*
Miller, R. W., *Drawing; Tech. Inst.*
Miller, W. E.
Miller, W. J., *Illumination*
Millman, J., *Elec. & Comm.; Physics*
Mills, N. D., *Physics*
Miner, D. F., *Electr. Insul.*
Minford, W. E., *Power; Mech. & Mat.*
Minor, B.
Moeller, A. C., *Electronics, Math.*
Moench, H. A., *Electr.; Commun.*
Mohn, J. W., *Electronics*
Mohsen, A.
Monson, D. J., *E. E. Sci.*
Moore, A. D., *Electronics*
Moore, F. B., *Tech. Inst.*
Moore, R. K.
Morgan, A. J.
Morgan, M. G., *Phys.*
Morgan, T. H., *Power; Control*
Morier, H., *Electronics*
Morris, E. P.
Morris, L. P., *Comm.*
Moruzzi, R. L., *Control Mech.*
Moseley, S. T.
Moses, R. G., *Power, Elec. & Comm.*
Mosher, R. F., *Power, Control*
Muckenhirn, O. W., *Electronics; Math.*
Mueller, G. V., *Power; Mach. Des.*
Mulligan, J. H., Jr., *Electronics*
Murphy, A. T., *Electr.; Commun.; Systems*
Murphy, F. H., *Illumination; Power*
Murphy, G. J., *Control; Math.*
Murray, W. A., *Communication*
Myers, H. L., *Electronics; Math.*
Naeter, A., *Power*
Nail, P. L., *Radio Theory*
Nash, C. A., *Power*
Nau, R. H., *Math.*
Neal, J. P., *Control*

Neece, L. T., *Communications, Tech. Inst.*
Nelson, P. H., *Electronics; Math.*
Neteland, C. L., *Power*
Neu, S. S., *Illum.; Power*
Neubauer, R. A., *Physics; Electr.*
Nevaldine, P., *Power; Tech. Inst.*
Newell, H. H., *Communication*
Newell, R. H.
Newton, G. C.
Newton, J. P., *Power*
Nichols, B., *Electronics*
Nichols, C. R., *Power; Physics*
Nichols, K. V.
Nichols, L. L., *Thermo. & Power*
Nilsson, J. W.
Noland, J. H., Jr., *Power*
Nolte, R. E., *Electr.; Physics*
Norris, F. W., *Elec. Trans.*
Norris, W. E., *Electronics; Math.*
Northrop, M. G., *Power; Comm.*
Norvik, F. J., *Commu. & Elect.*
Nottingham, F. O., *Physics; Control*
Nudd, P., *Power*
Nulsen, W. B., *Power; Mathematics*
Nystrom, J. W., *Staff Asst.*
O'Brien, P. F., *Coord. Coop. E.*
Ogborn, L. L., *Math.*
Oler, C. B., *Power; Physics*
Oliver, T. K., *Control; Aero. & Aero. E.*
Olson, R. G., *Nuclear E.; Math.*
Oorthuys, H. J., *Circuits*
Ordung, P. F., *Network; Electr.*
Osborn, R. E., *Power; Electronics; Math.*
Osborne, H. S., *General*
Osburn, O. E., *Power*
Osteen, D. N.
Osterbrock, C. H., *Math.*
Owen, H. A., Jr., *Elec. & Comm.; Math.*
Owens, O. G., *Electronics, Microw. Elec. Tubes*
Ownley, R. E., *Agr.*
Oyama, M.
Padalino, J. J., *Pers.; Elec. & Comm.*
Paige, A. E., *Power*
Paine, E. B., *Power*
Palmer, H. B.
Parish, W. R., *Elect. Mach. Radio & T.V.*
Parsons, K. L., *Illum.; Ind.; Power*
Partin, W., *Refrig.*
Pavlasek, T. J. F., *Physics*
Paynter, T. E.
Pearce, C. T., *Power*
Pearsall, S. H.
Pearson, D. S., *Power; Physics*
Pearson, S. I., *Power; Mechanical*
Pease, E. M. J., *Mathematics*
Peaslee, W. D. A., *Pres.*
Peet, J. C., *Power*
Peirce, G. R., *Power*
Pendergast, M. S., *Power; Illum.*
Penney, G. W., *Electronics*
Perkins, A. N., *Physics*
Perry, I. D., *Mathematics*
Peterson, D. E., *Phys.*
Peterson, H. A., *Power*
Peterson, M. M., *Power; Control*
Philpot, C. P., *Power; Industrial*
Pilch, M., *Power*
Plehn, A. D.
Plonsey, R., *Electr. Theory*
Poe, H. V.
Polk, C., *Physics*
Polk, O. H., *Power; Ind.*
Poskanzer, S. M., *Power; Draw.*
Potter, J. L., *Electronics*
Powell, A. P., *Power*
Powley, G. R., *Power*
Preisman, A., *Physics*
Price, A. B., *Phys.*
Price, J. R., *Power*
Pries, L. F., *Power; Elec. & Comm.*
Provencher, M., *M. E.*
Puchstein, A. F., *Power*
Purnell, L. J., *Power; General*
Putnam, R. C., *Illum., Power; Eng. Econ.*
Pulhamus, W. R., *Tech. Inst.*
Quarles, L. R., *Electronics*
Quisenberry, R. C., *Power; Math.*
Rader, L. T., *Power*
Radabaugh, E. L., *Pers.; Electrn.*
Ragazzini, J. R., *Control; Electronics*
Rakel, R. H., *Math.*
Randolph, H. D., *Human. Soc.*
Rankin, J. R., Jr.
Rapalski, J. C.
Ravenscroft, H., *Electr.; Physics*
Ray, D. C., *Physics*
Razor, C. T., *Power; Physics*
Record, F. A., *Electronics; Physics*
Reed, H. R., *Commun.; Mach.*
Reed, M. B., *Power, Control*
Reel, M. F.
Rehberg, C. F.
Reich, H. J., *Electronics & Comm.*
Reifsnyder, J. G., *General E.*
Reintjes, J. F., *Electronics & Comm.*
Reitan, D. K., *Power, Mech. & Mat.*
Rekoff, M. G., Jr., *Math.*
Restemeyer, W. E., *Mathematics*
Retherford, R. C., *Electr.; Phys.*
Rhodes, C. F., *Electr.; Math.*
Rhodes, S. R., *Power*
Rice, P. X., *Power*
Richardson, A., *Electr.; Power; Math.*
Richardson, G. A., *Electr.*
Ricker, C. W., *Power*
Ricker, F. J., *Ind. Electronics*
Ricketts, L. W., *Mathematics; Control*
Rideout, V. C., *Electronics; Math.*
Riley, T. M., *Power; Control*
Rittenhouse, J. W., *Power*
Rittenhouse, L. H., *Communication*
Robbins, F. D., *Power; Mechanical*
Roberts, D. S., *Mgr.*
Roberts, J. M., *Phys.*
Robison, W. C., *Electr.*
Rochefort, J. S.
Rode, N. F., *Power; Math.*
Roediger, F. E., *Physics*
Rogers, C. C., *Math.*
Rogers, E. D., *Physics*
Rogers, P. H., *Math.*
Rollins, E. B., *Power*
Romanowitz, H. A., *Electronics & Comm.; Phys.*
Rose, F. E., *Physics*
Rose, L. H., *Electronics & Comm.*
Rosenberg, M. I., *Phys.*
Rosenthal, S. W.
Rothauge, C. H., *Control*
Roys, C. S.
Rubin, L. A., *Electronics, Commun.*
Ruble, G. B., *Circ.; Control*
Runkle, L. D., *Electromech. Guid. & Navig. Sys.*
Russ, R. B., *Circuits; Servomech.*
Russell, C., *Power; Illumination*
Russell, F. A., *Electronics; Math.*
Russell, G. M., *Communications*
Russell, J. B., *Electr. & Math.*
Russell, P. E., *Control; Aeron.*
Russell, R. M., *Thermo. & Power; Electronics*
Ryder, J. D., *Electronics & Comm.*
Sabbagh, E. M., *Power Control*
Sabto-Agami, J. C., *Math.*
Sage, A. P., Jr.
Salvatore, J., *Tech. Inst.*
Samek, J. N., *Commun.*
Sampson, R. W., *Electronics*
Sanchez, J. H., *Genl.; Mech.*
Sandorf, I. J., *Power; Electronics & Comm.*
Sarkees, Y. T., *Math.*
Saunders, R. M., *Power Control*
Savage, C. F., *Cons.-Prof. Rel.*
Savage, J. A., *Power; Math.*
Savant, D. P.
Schart, W. J., *Elec. & Comm.; Math.*
Schartz, E. R., *Asst. Dn.; Gen. Field Theory*
Schealer, S. R., *Power; General Eng.*
Scheibe, E. H., *Physics; Electronics*
Scherba, M. B.
Schiewe, A. J.
Schilling, E. W., *Electronics*
Schlesinger, S. P., *Elec.-Microwaves*
Schmidt, B. M., *Electronics; Physics*
Schmitz, N. L., *E. Mach. Theory; Control Sys.*
Schoonmaker, L. E., *Power*

Schrag, R. L., *Physics*
Schreiber, H. F., *Electronics; Power*
Schug, H. L., *Math.*
Schulz, L. M., *Phys.*
Schultz, C. W., *Physics; Electronics*
Schultz, F. V., *Electronics; Physics*
Schumann, Fred, *Electronics*
Schurig, O. R.
Schulzwohl, V. U.
Schwartz, M., *Electronics; Physics*
Schwartz, R. F., *Physics*
Schwarz, R. J., *Commun.; Circ. Theory*
Schwarzlose, P. F., *Elec. & Comm.*
Scott, D. E.
Scott, N. R., *Electronics; Math.*
Scott, R. E., *Electronics, Math.*
Scull, H. M., *Power*
Seal, P. M., *Electronics & Conn.*
Seamans, D. A., *Elect. & Power*
Sechrist, G. H., *Power; Electronics*
Seely, S., *Electr. Ckts.; EM Fields*
Seibel, R. C., *Electronics*
Seibert, C. B., *Electronics*
Sells, J. S., *Math.*
Selvidge, H., *Staff Engr.; E. E.*
Sentz, R. E., *Tech. Inst.*
Seshu, S., *Math.*
Shaffer, H. A., *Drawing*
Shamis, S. S., *Commun.; Electron.*
Shank, R. R., *Power*
Shaw, C. E., *Power Elec. Illum.*
Sheckels, G. D., *Power, Elec. & Comm.*
Shedd, P. C., *Physics; Electronics*
Shen, D. W. C.
Shepherd, W. G., *Res.*
Sherman, J. B., *Electronics*
Sherman, K. S., *Elec.; Power; Tech. Inst.*
Sherman, W. K., *Electr., Math.*
Shewan, W.; *Electronics; Control*
Shields, P. E., *Math.*
Shipley, E. D., *Communication*
Shorey, L. F., *Power; Electronics*
Showers, R. M., *Physics*
Sibila, K. F., *Elec. & Comm.; Illum.*
Siegfried, Victor, *Comm.; Cont.; Power*
Simrall, H. C., *Power; Illumination*
Sinclair, G., *Elec. & Comm.*
Siskind, R. P., *Commun.*
Sitterlee, L. J., *Electr.; Technical Inst.*
Sitz, E. L., *Power; General*
Skiles, J. J., *Power*
Skilling, H. H.
Skitek, G. G., *Elect.*
Skroder, C. E., *Communication*
Skutt, H. R., *Phys.*
Slantz, R. D., *Power*
Slavin, W. A., *Power*
Slemon, G. R., *Mach.; Power Consult.*
Sloan, R. D., *Elec. Power*
Small, E. H., *Power; Electronics*
Smith, C. E., *Electronics*
Smith, E. F., *Power*
Smith, F. W., *Electr.; Commun.*
Smith, G. E.
Smith, G. S., *Power; M. E.; Thermo.*
Smith, H. G., *Elec. & Comm.*
Smith, H. M., *Power; Gen.*
Smith, H. T., *Power; Electronics*
Smith, J., *Physics*
Smith, M. J., *Power, Control*
Smith, M. K., *Basic Studies E.*
Smith, N. S., Jr.
Smith, O. J. M., *Contr. Sys.; Statis.*
Smith, P. D.
Smith, P. L., Jr.
Smith, R. J., *Electronics*
Smith, R. L., Jr., *Math.*
Smith, W. C., *Physics; Electronics*
Smith, W. P., *Power; Mechanical*
Smock, D. O., *Power; Elect. & Comm.*
Sohon, H., *Power; Physics*
Sommerman, G. M. L., *Measurements, Phys.*
Sorensen, G. L.
Sorensen, R. W., *Power; Economics*
Soslowski, T. P., *Power; Electronics*
Spence, D. W., *Power*
Spenner, F. J.
Sperry, C. J., *Illum.*
Spitzer, C. F., *Power; Elec. & Comm.*
Spuhler, H. A., *Physics*
Staniszewski, F. P., *Electronics*
Stannard, G. E.
Starr, E. W., *Power*
Stauder, L. F., *Power; Illum.*
Stavely, E. B., *Assoc. Dean*
Stein, R.
Steinberg, M. J., *Power; Thermo. & Power*
Stelzner, W. B., *Power; Illumination*
Stenis, T. B., *Electronics; Commun.*
Sterner, W. J., *Electronics*
Stevenson, W. D., *Power*
Stewart, J. L., *Math.*
Stock, G. B.
Stocker, D. V., *Physics*
Stoker, W. C., *Elec. & Comm.*
Stone, L. N., *Control; Computers*
Storch, H.
Storry, J. O., *Power, Eng. Econ.*
Stout, M. B., *Power*
Stout, T. M., *Control; Math.*
Straiton, A. W., *Elec. & Comm.; Physics*
Streib, W. J.
Strong, E. M., *Illumination*
Strum, R. D.
Studer, J. J., *Aut. Control & Math.*
Sturrock, W., *Illumination*
Suitka, T.
Sullivan, J. F., *I. E.*
Sullivan, W. L., *Basic Sci. & Commun.*
Sun, H. H., *Math.*
Susskind, C., *Phys.*
Swift, W. B., *Power; Control*
Szews, A. P.
Szymanski, E. A., *Power*
Tang, K. Y., *Elect. Mach. & Circ. Anal.*
Tanyolac, N. N., *I. E.*
Tapy, R. W., *Power; Control*
Tarboux, J. G., *Power*
Tarbutton, J. S.
Tarpley, H. I., *Electr.; Control*
Tatum, F. W., *Control*
Teare, B. R., *Power; General*
Terman, F. E.
Terwilliger, C. Van O., *Power; Math.*
Thaler, G. J., *Control*
Theophilus, R. H., *Physics*
Thielen, E. J., *Asst. Supr. Engr. Tr.*
Thigpen, A. C., *Asst. Dean*
Thomas, M. A., *Power*
Thomforde, C. J., *Elec.*
Thompson, A. T., *Eng. Res.*
Thompson, D. G.
Thompson, T. B., *Power; Math.*
Thomson, E. W., *Physics; Chem.; G. E.*
Thorn, D. C., *Res.*
Thurston, J. N., *Electr.*
Thurstone, R. L., *Comm.; Control; Electron*
Tilles, A., *Power*
Tillman, J. D., *Electronics*
Timble, W. H., *Power; Elec. & Comm.*
Timoshenko, G. S., *Physics*
Tingley, F. T., *Power, Elec. & Comm.*
Tompkins, F. N., *Power; Electronics*
Tompkins, H. E., *Computers*
Toppeto, A. A., *Power*
Torzyn, N. T., *Math.*
Tou, J. T. L., *Control; Electronics*
Town, G. R., *Electronics*
Tracy, G. F., *Power*
Trammell, G. R.
Trautman, D. L., Jr., *Comm.*
Travis, I., *Research*
Trefry, D. E., *Illum.*
Treptew, P. W., Jr.
Trevett, H. N., *Power; Illum.*
Tridico, J. J.
Tripp, A. L., *Tech. Inst.*
Troell, R., *Aero.*
Truxal, J. G.
Tsang, N. F., *Power; Math.*
Tuck, H. P.
Tucker, C. E., *Personnel; Electronics*
Tucker, J. A., *Admin.*
Tudor, J. R., *Power*

Tuites, C. E.
Tuma, G., *Elec. & Comm.; Physics*
Turner, R. L., Jr., *Electronics, U.H.F. Comm.*
Turner, W. W., *Communications; Control*
Tuttle, D. F., *Math.*
Tykociner, J. T., *Electr.; Physics*
Tyson, H. B.
Ungrodt, R. J., *Power*
Unk, J. M., *Control; Tech. Inst.*
Unnewehr, L. E., *Power; Math.*
Usry, J. M.
Vail, C. R., *Power; Physics*
Vallese, L. M., *Elect.; Physics*
van den Boom, H. W., *Phys.*
Van Valkenburg, M. E., *Physics*
Van Zeeland, W. A., *Electronics*
Van Zile, L. W., *Power & Comm.*
Vater, G. A., *Physics*
Vaughan, J. A.
Veerkamp, N. B., *Electron.*
Velez, E.
Vick, A. T.
Vickers, J. M.
Vilander, N. E., *Television*
Vitrogan, D., *Elect. & Comm.; Physics*
Vivell, A. E., *Power; Physics*
Vliet, D. H., *Power*
Vocke, M. C., *Math.*
Vogel, F. J., *Power; Machine Design*
Voith, R. J., *Math.*
Volz, C.
Voorhies, M. B., *Power*
Wadsworth, W. B.
Waffle, W. M., *Tech. Inst.*
Wagner, G. B., *Power; Physics*
Waidelich, D. L., *Electronics & Comm.*
Walker, E. A., *Electronics; Physics*
Walker, R. C., *Elec.*
Wallace, J. M., Jr., *Control*
Wallace, R. P., *Pat. Engr.*
Wallace, V. L., *Math.*
Walling, C. R., *Power; Good.; Coop. Eng.*
Wallis, C. M., *Electronics & Comm.*
Walsh, J. B., *Commun.; Electrol.*
Ward, J. B.
Ward, J. E., *Power, Elec. & Comm.*
Ward, R. P., *Power; Eng. Econ.*
Wareing, J. F., *Electronics & Comm.*
Warfield, J. N., *Math.*
Warner, J. L., *Power; Control*
Warren, S. R., Jr., *Electronics*
Waters, J. S., *Power; Elec. & Comm.*
Watson, E. W., *Power; Electronics*
Watson, H. M., *Communications*
Watkins, B. O., *Power; Control*
Weaver, L. E.
Webb, B., Jr.
Webb, G. W.
Webb, H. E.
Webb, M. L.
Weber, E., *Elec. & Physics*
Weber, J. C., *Consulting*
Webster, J. C., *G. E.; Measurements*
Weeks, R. W., *Geo. E.*
Well, R. T., *Power*
Weimer, F. C., *Electr.; Power*
Weimer, F. C., *Servomechanisms; Circuits*
Weinberg, P., *Electr.; Math.*
Welch, E. R., *Power*
Werwath, H. D., *Electr.; Gen.*
Weston, E. E., *C. E.*
Weston, E. R., *Power*
Wheeler, R. C. H., *Elec.; Physics*
Wheeler, W. R., *Electronics & Comm.; Illum.*
Whipple, C. C., *Power; Illum.*
Whitaker, T. N., *Power; Gen.; Physics*
White, D. C., *Power*
Whitehead E. R., *Power*
Whitehorne, R. A., *Mgr. Pers.*
Whitehouse, D. R., *Phys.*
Whitney, J. A., *Phys.*
Wilcox, M. L., *Ind.*
Wilde, N., *Physics*
Wildes, K. L., *Power; Math.*
Wiley, J. B., *Control; Eng. Econ.*
Wilkinson, R. I., *Communication; Math.*
Williams, E. M., *Electronics & Comm.; Power*
Williams, L., Jr., *Electr. Test Engr.*
Willis, B. S., *Pow.; Illumin.*
Willis, C. H., *Power; Electr.*
Wills, J. R., *Electronic E.*
Wilson, H. C., *Radio*
Wilson, J. R., Jr., *Math.*
Wilson, J. V., *Admin.*
Wiltse, S. B., *Power*
Winchell, R.
Winkler, E. W., *Power; Illum.*
Winn, A. L., *Electronics*
Winn, W. C., *Electronics; Tech. Inst.*
Winsor, L. P., *Power; Control*
Winston, J., *Control; Power*
Wint, C. T.
Wirtz, L. A., *Power*
Wischmeyer, C. R., *Elec. & Comm.; Gen.*
Wiseman, R. S., *Illum.; Physics*
Wolf, E., *Electronics; Phy.*
Wolf, H. K., *Electronics*
Wolff, I., *V. P.*
Wolfson, R.
Wood, F. P., *Mathematics; Power*
Wood, J. A., *Elec. & Comm.; Physics*
Woodson, H. H.
Worley, W. P.
Wright, O. L., *Communication*
Wright, R. R., *Electronics; Power; Physics*
Wright, T. J., *Ind. E.*
Wyant, R. A.
Wynn, R. S., *Pow. Mach.; Circuits*
Yakura, J. N.
Yarbrough, L. A., *Phys.*
Yen, J. L.
Young, F. J.
Young, M. G., *Electronics & Comm.; Power*
Yunghans, C. E., *Engr. Ec.*
Zaborszky, J., *Power; Control*
Zaret, M. E., *Physics*
Zemanian, A. H., *Math.*
Zengel, J. F. P., *Electronics & Comm.; Physics*
Zern, R. T., *Elec. & Comm.*
Zimmerman, S. W.
Zweig, F., Power; *Elec. & Comm.*
Zieman, C. M.

ENGINEERING GRAPHICS

Aakhus, T., *Electrical*
Ackert, H. P., *Mfg. Proc.; Ind.*
Ackley, K. A., *M. E.*
Adams, D. P., *Mathematics*
Adams, W. E., *Aeronautics*
Ali, M. S., *Mach. Shop*
Allen, S. C., *Production; M. E.*
Almfeldt, M. W., *M. E.*
Altman, H. S., *Min. Tech.*
Anderson, J. A., *Shop & Mech. Arts*
Arnold, J. N.
Atkinson, M. B., *Industrial*
Bachert, R. F., *Graphics*
Bachman, C. L.
Backus, K. D.
Baer, C. J., *Personnel*
Baker, M. R.
Ball, L. D., *Civil E.; Mach. Des.*
Ballantine, B. D., *Shop & Mech. Arts*
Banister, R. A., *Shop*
Barich, S. S.
Barnes, R. H., *A. Desc. Geom.*
Barnett, J. L.
Barnwell, J. H., *E. E.*
Barry, M. R.
Bauer, F. S., *Machine Design*
Baughman, N. E.
Baxter, W. L., *Survey; Psych.*
Bayer, C. H., *G. E.*
Beach, H. L., *Mechanical*
Beauchamp, C. J., *Desc. Geom.; Draft.*
Beck, B. A., *Des. Geom., C. E.*
Beckley, J. F., *M. E.*
Beckman, M. H.
Behn, R. C.
Belavic, A. M., *Physics; Chemistry*
Beleal, A. P., *Math.*
Bell, J. A.
Belman, B. I., *Graphics, Gen.*

Bennett, J. A., *Mech. & Mat.*
Bennett, J. A., *Mech.*
Bennett, J. L., *Math. Consult.*
Benson, R. A. H., *Teach.*
Bentley, M. W.
Bernhardt, L. F., *M. E.*
Berry, F. R., *Des.*
Bettencourt, W., *Machine Design*
Betterley, M. L., *Mach. Des.*
Beukena, H. J., *Tech. Inst.*
Bezbatchenko, M., *Shop & Mechanic Arts*
Bigelow, A. L., *Structural*
Bignell, J. F.
Billings, B. C., *Mechanical*
Binns, F., *Shop & Mech. Arts*
Black, E. D., *Architecture*
Black, T. J., *C. E.*
Blackman, J. S.
Blade, M. F., *Mach. Des.*
Blakeslee, H. W., *Marine Eng.*
Blanco, E. E.
Blevins, C. M.
Bloom, M. L., *Art*
Blumenthal, I. S., *Electr.; Cont.*
Bockhorst, D. F., *Chemical*
Boehmer, H., *Gen. Eng.*
Bokenkamp, H. J.
Bone, H. K., *Mach. Des.*
Borkert, J. J., *Mechanical*
Borri, R., *Shop & Mech. Arts*
Bossenga, J. R., *Math.*
Botkin, K. E., *Eng. Graph.; I. E.*
Boyd, H. S., *Math. & Survey.*
Bradbury, D. W., *Mach. Des.*
Bragg, F. C., *Mech. & Mat.*
Brattin, C. L., *Machine Design*
Brille, B. J.
Britton, R. A.
Brooke, W. E., *Mathematics*
Brown, B. L., *Mech. & Mat.*
Brown, J. C., *C. E.*
Brown, W. E., *English*
Brubaker, W. F., *Civil; Struc.*
Bruns, J. L., *Mech. Eng.*
Buck, C. P., *Civil; Surveying*
Buckman, C. J., *C. E.*
Bullen, P. W.
Burdick, G. F., *Architecture*
Burnett, J. R., *Metallurgy*
Burns, F. J.
Burns, R. L., *Shop & Mech. Arts*
Burton, R. M.
Butler, J. H., *Mechanical; Mechanics*
Buzzell, J. C., Jr.
Byers, R. O., *Gen. E.*
Cairns, J. R., *Mech. & Mat.*
Caldario, E. J., *Electronics*
Cariddi, J. G., *Math.*
Carlson, C. I., *Mechanical; General*
Carlson, R. L.
Carter, A. H., *Arch.*
Carter, C. W.. *Des.*
Casey, F. J., *Math.*
Castle, D. W., *Mech. & Mat.*
Castleman, J. R., *Civil; Struc.*
Chambers, A. G., *Aeron.*
Chance, C. W., *Shop & Mech. Arts*
Chaney, N. H., *Math.*
Chapman, J. E., *Math.*
Choate, D. C., *Mach. Des.,; Thermo. & Power*
Christianson, L. C., *Math.*
Christenson, R. J.
Christman, W. M., *Shop*
Chumley, J. G., *Des. Geo.; Ind. E.*
Clausen, J. N.
Cleary, S. F., *M. E.*
Clute. V. G.
Codola, F. C.
Coke, J. M., *Des. Geom.*
Coleman, R. M., *Arch.*
Collins, B. K., *Mach. Design*
Connelly, D., *Architecture*
Conner, J. S., *Mathematics*
Cook, D. I., *Machine Design*
Coons, S. A., *Math.*
Cooper, C. D., *Mechanical*
Coppersmith, C. W., *Mech. mach. design, Ret.*
Coventry, N. M., *Architectural*
Cramer, G. E., *Mech.*
Crawford, R. H.
Crossman, R. S., *Civil, surveying*
Currier, T. H., *Mgr.*
Curtis, R. W., *M. E.*
Cushman, O. F.
Daccardo, S.
Daniel, L., *Mech. & Met.*
Dart, O. K., Jr., *C. E.*
Davey, R. H., Jr., *C. E.; Trans.*
Davis, F. G.
Davis, G. E., *Electrical; Mechanics*
Day, J. A.
Dejaiffe, E.
Dembner, E.
Dembski, M. V. J., *Educ.*
Denis, Bro. A., *Mathematics*
Denning, M. A.
Dent, J. B., *Civil; San. E.*
DeSpain, W. J., *Civil*
Dessauer, W. E.
DeVaney, A. F., *Math.*
Devereaux, A. B.
DeVore, P. W., *Metal Working*
Devine, J. J., *Civil*
Dillenbeck, H. L., *Mechanical*
Dimatteo, J. E., *Physics*
Dinsmore, G. A., *Dr., Struc., Mech. & Mat.*
Dixon, D. P., *Architecture*
Dobbins, G. S., *Mechanical*
Dolan, T.
Doke, H. B.
Dorsey, E. E.
Doughty, J. O., *Aero. & Aero. E.*
Douglas, D. C., *M. E.*
Dowling, E. J., Rev., S.J., *Hum. Soc.*
Duck, H. B., Jr., *Math.*
Ducoff, W.
Dujets, M. J., *M. E.*
Durden, J. C., *Chem. E., Mech. & Mat.*
Dygdon, J. T., *Tech. Dr.; I. E.*
Ebert, E. D., *Civil*
Edstrom, A. E., *Arch.; Des.*
Eggers, H. C. T., *Mathematics*
Eller, C. M.
Elrod, S. B., *General*
Enburg, J. T.
Eichelberger, M. B., *Mechanical*
Ettinger, H. J.
Eubanks, W. H.
Eustis, I. N.
Farnham, W. E., *Mechanical, mach. des.*
Feldman, W., *Tech. Inst.*
Felbarth, W., *Shop*
Fenwick, H. H., *Ind. Safety*
Ferzoco, P. H., *Mach. Des.*
Fettahlioglu, O. A., *Des. Structures*
Finch, F. R., *Mechanical, Emeritus*
Foster, C.
Fowler, R. W., *Mechanical, mach. design*
Fox, B. B.
Francis, L. V., *G. E.*
Francis, W. H., *General*
Freemyers, R. L., *Surveying*
Friederich, A. G., *Industrial*
Frizzle, H. R., *Gen. E.*
Galbraith, E. D.
Garrison, E. B., *Tech. Inst.*
Gelinas, M. E., *Mathematics*
Gerdom, H. F., *Shop & Mech. Arts*
Gibson. J. O., *Mathematics; Geol.*
Gilliland, H. R.
Glenn, G. R., *Civil*
Glower, D. D.
Goppert, H. R., *Illum.*
Gordon, I., *M. E.*
Gorman, P. J.
Gorman, W. M., *Shop*
Goudey, G. M., *Math.*
Graef, A. R.
Granger, G. A., Jr., *C. E.*
Grant, H. E.
Grant, R. W., *Mfg. Proc.*
Graves, H. H.
Graves, W. A.. *Thermo. & Power.*
Gray, J L., *Gen. Eng.*

Greaver, L., *Arch. Eng.*
Gracida, R. H., *Arch. Engr.*
Griffin, F. S., *Aeron.*
Griffith, F. O., *Electronics*
Griswold, E. M., *Engr. Econ.*
Groves, D. F.
Gulden, K. R.
Haas, G. W.
Hagen, R. R.
Hagman, J. A., *Graph. Arch.*
Haight, F. M., *Arch.*
Haines, F. D.
Haines, H. N., *General, Arch.*
Halasz, A., *Drafting*
Hales, V. D.
Halicki, J. E.
Halik, G. W., *Surv.; Physics*
Hall, S. G., *Mech. & Mat.*
Hamilton, H. C., *Mach. Des.*
Hammond, A. F., *Dr. & Des. Mech.*
Hammond, R. H., *Mach. Des.*
Haney, H. E.
Hang, R. I.
Hanus, J. J.
Hardaway, B. A., *Civil*
Harris, E. K., *Heat Power*
Harris, H. E., *Math.*
Harris, M. P., *Civil*
Hart, B. E., *Civil; Survey*
Hartsaw, W. O., *Mach. Des.*
Hathaway, A. S., *Civil; Survey.*
Haughton, K. E., *Mechanical*
Hautau, R. H., *Physics, & Mech. Arts*
Hawk, M. C., *Mathematics*
Hawry, H. J., *Tech. Dr.*
Hayes, C. P., *Architecture, General*
Hebrank, E. F., *Metallurgy*
Hedinger, H. E., *Eng. Dr. & Tech. Rep.*
Heimerich, J. J., *Architectural*
Henry, B. R.
Heppinstall, R. S., *Mach. Design*
Herbst, J. J.
Hesse, H. C., *Mechanical, machine design*
Hicks, S. F., *Civil; Struc.*
Higbee, F. G.
Hill, I. L., *Shop*
Hill, P. H., *Struc.*
Hillery, A. V., *C. E.; Geology*
Hinkle, R. T.
Hipskind, J. P., *Ind. E.; M. E.*
Hnath, N., *Shop & Mech. Arts*
Hoisington, R. H.
Hoffmann, C. K.
Hold, J.
Holladay, D. M., *Architecture*
Holman, L. W., *Architecture*
Holmes, D. J.
Hood, G. J., *M. E.*
Horn, E. R., *Aero. & Aero. E.*
Houston, H. T., *I. E.*
Howe, H. B.
Howes, V. E., *Machine Design; Arch.*
Hubbell, W., *Mechanism; Desc. Geom.*
Hyman, H.
Irwin, C. T., *Shop & Mech. Arts*
Isada, N. M., *Civ. Eng.*
Isbell, R. L., *Mfg. Proc.*
Jackson, A., *Struc.*
Jacunski, E. W.
Jenkins, H. T., *C. E.*
Jewett, R. A., *Mech. & Mat.*
Johnson, L. O.
Johnson, R. I., *Shop & Mech. Arts*
Jones, L. D., *Secy., Coll. of E.*
Jordan, F. E., *Ind.*
Jorgensen, Albert, *Civil; Mech. & Mat.*
Kahlert, C. G., *C. E., Survey.*
Kamm, A. J., *Mech. & Mat.*
Karsten, H.
Kates, R. J., Jr., *Ind. E.*
Kaufman, L. B., *Mach. Des.; Mfg. Proc.*
Kearns, C. H.
Keicher, P. E.
Keith, C. W., *Shop & Mech. Arts*
Kelso, E. A., *Physics*
Kephart, R. C., *I. E.*
Kepler, H. B., *Mech. & Mat.*
Kerr, A. A., *Physics*
Kerr, H. H., *Shop & Mech. Arts*
Kessler, R.
Kimball, L. E., *Ind. E.*
Kinner, H. G.
Kirby, L. R.
Kittinger, W. T., *Electrical*
Kleinhens, W. A.
Klepinger, W. J., *M. E.*
Kliphardt, R. A., *Math.*
Knoblock, E. W.
Klopp, M. E., *Shop*
Knebel, A. H., *Mech. Eng. & Mach. Design*
Knutsen, H. W., *Mech. & Mat.*
Kollin, R., Jr., *Shop and Mechs. Arts*
Koski, P. I.
Krause, H., *Arch. E.; Industrial*
Kreimer, B. L.
Kroner, K. E.
Kruszka, E. J., *M. E.*
Kumpe, E. F., *C. E.*
Kundis, L. E., *M. E.*
Kurtz, J. W., *Shop*
Ladd, D. C., *Personnel*
Lagaard, M. B., *Struc.*
Lamble, J. S., *General*
Lang, R. S.
Larson, B. O., *C. E., Hydrology*
LaRue, R. D., *M. E.*
Lawrence, H. A.
Lee, D. J.
Leidel, F. O.
Leighton, A. W., *Personnel*
Lenhart, J., *Civil*
Levens, A. S., *M. E.*
Lewellen, J. G., *Gen. E.*
Lewis, E. H., *Shop*
Lewis, R. E., *Ind. Eng.*
Lima, P. R., *Civil*
Little, A. S., *Mach. Des.*
Livas, H. L., *Architectural*
Livermore, J. D., *Architecture*
Loveless, A. G., *Shop & Mech. Arts*
Loving, R. O., *Mathematics*
Lowe, W. B., *General*
Lown, J. A., *Des. Geom.*
Ludden, D. J., *Design*
Lundy, T. S., *Metallurgy*
Lutz, P. C.
Luzadder, W. J., *Civil*
Machovina, P. E.
Mackie, S. P.
Maechler, H. C., *Mech. & Mat.*
Majer, F., Jr.
Mara, H. W., *Survey*
Marks, J. A.
Martin, B. W., *Math.*
Martin, G. E., *Thermo. & Power*
Marvin, F. F., *Mech. & Mat.*
Mason, P. M.
Mathes, S. R.
Mathis, H. F., *Mathematics*
Mattingly, J. W., *Arch. Engr.*
Maxson, G. R., *Civil*
McGarrah, J. E.
McClung, J. D.
McCullough, E. E., *Mech. & Des.*
McCutchan, J. W., *M. E.; Mach. Des.; Thermo.*
McDonald, A. P., *Elec. E.*
McDonald, R. N.
McFarland, J. D., *Electrical*
McFarlin, R. J.
McGuire, J. G., *Arch. Eng.*
McGuire, N. C.
McHugh, C. M.
McIntosh, C. W., *Des. Geom.*
McKee, A. G., *I. E.*
McLean, L. V., *Electronics*
McMaster, R. K.
McNeary, M., *Mechanical; Mfg. Proc.*
Medford, R. C.
Meier, O., *Physics*
Merz, E. B., *Des. Geom.*
Messenheimer, A. E., *General; Mach. Des.*
Messer, R. E., *M. E.; Mach. Des.; Mfg. Proc.*
Messinides, H. C., *Statistics*
Meyer, F. H., *M. E.*

Meyer, J. W., *I. E.*
Michener, C. T., *Mech. & Mat.*
Miller, E. W.
Minor, O. E., *Mechanical*
Mitchell, R. D.
Mochel, E. V., *Mach. Des.*
Mochel, M. G., *Mach. Des.*
Mock, C. O., *Des. Geom.*
Moll, R. E., *Shop & Mech. Arts*
Molski, J. M., *Mech. & Mat.*
Moore, E. R., *Shop*
Morgana, E. J.
Morris, F. C.
Morris, R. E., *Mech. & Mat.*
Morrow, E. A., *Math.*
Mosilio, F. A.
Mudgett, A. G., *Shop*
Muehlhausen, W. A., *Shop & Mech. Arts*
Mullins, B. F., *Civil; Trans.; Civil E.*
Myers, H. D., *Civil, structural*
Nabers, T. B., *Indust. Supv.*
Neal, H. P., *Mechanical*
Nelson, C. W.
Nelson, H. C.
Nelson, H. P., *Arch.*
Newcomb, B. L.
Newton, C. A., *Hum.-Soc.*
Nicholls, G. C.
Norris, F. F., *Structures*
Northrup, R. T., *Desc. Geom.*
Novak, L., *Mech. Draft.; Artist*
O'Callahan, K. B.
Oldknow, J. T.
Oliver, J. P.
Oliver, R. M., *Mach. Des.; Elec.*
Olson, O. A., *Mechanical*
Opdyke, J. B., *E. Dr.*
Oppenheimer, F., *Pres.*
Opperman, D. R., *Asst. Dn.*
Orbeck, M. J., *Civil*
Orth, H. D., *Desc. Geom.*
Osborne, S., *Mach. Des.*
Owen, S. P., *Mech. & Mat.; Gen. E.*
Paffenbarger, R. S., *Industrial*
Page, G. N., *Gen. E.*
Palmer, L. G.
Palmerlee, A. S., *M. E.*
Pankratz, G. E., *Mach. Design.; M. E.*
Paré, E. G., *Civil*
Park, W. H., *Mach. Des.*
Parker, V. C., *Mechanical*
Parkinson, H. N., *Gen. E.*
Parkinson, R. W., *Chem. E.*
Parr, K. E., *Automotive Tech.*
Paul, E. L., Jr.
Paul, J. A.
Paul, R. L., *Mach. Des.*
Paulsen, F., *Arch.*
Pearson, J. E., *General Eng.*
Perry, I. B., *Shop & Mech. Arts*
Perryman, C. C., *Industrial*
Petty, E. E., *Desc. Geom.*
Pfeffer, C. B.
Phelan, R. M.
Philby, A. J.
Phillips, A. E.
Plant, J. M., *Math.*
Plehn, B., *Gen. Eng.*
Polaner, J. L., *Mechanical*
Porsch, J. H., *Struct.*
Potter, O. W., *Metallurgy*
Potts, P. O., *Mech. & Mat.*
Poucher, M. P., *Civil, Mech. & Mats.*
Praemassing, G. N., *Mach. & Mat.*
Pray, R. F., *C. E.*
Prewett, C. H., *Shop & Mech. Arts*
Puderbaugh, H. L., *Arch.*
Putnam, G., *Mathematics*
Quaid, L. J., *Fluid Mech.*
Radford, S. S., *Desc. Geom.; I. E.*
Raley, F. A., *M. E.*
Ramsaur, J. C., *G. E.*
Ransdell, C. H., *Machine Design*
Rappolt, F. A., *Struc.*
Ratledge, E. T.
Ratterree, W. B.
Reed, E. O., *Min. Tech.; Metal.*
Reinhard, P. M.
Reiziss, D.
Remde, A. O., *Apprentice Tr.*
Renz, A. G., *I. E.*
Reynolds, R. W., *Engl.*
Richter, G. B., *Des. Geom. Physics*
Riebeth, T. J., *Mach. Des.*
Ring, R. S.
Ringelspaugh, J. H., *Adm. Ind., Apprentice Tr.*
Rising, J., *Educn. Meth.*
Rising, J. S., *Mechanical*
Risse, R. F., *Mechs.*
Risser, A. C., *M. E.*
Ritter, R. L., *Mfg. Proc.*
Roark, I. W.
Roberge, D., *Shop & Mech. Arts*
Robert, J. M.
Roberts, E. N., *Tech. Inst.*
Robichaud, E.
Rodes, H. P., *General; Hum.-Soc.*
Rodrigues, A. F., *M. E.*
Rogers, C. J., *Gen. Eng.*
Rogers, H. F., *Math.*
Rogers, W. B., *Mech. Eng.*
Rogness, M. L.
Rohr, W. F., *Mathematics*
Rohr, W. G., *Mathematics*
Romeo, A., *M. E.; Mfg. Proc.*
Rook, G.
Rowe, C. E., *Min. Tech.*
Russ, J. M., *Mechanical; Mach. Des.*
Ryskiewich, B. S., *M. E.*
Sahag, L. M., *Mach. Des.*
Salamon, R. G., *M. E.; Mechs. & Mat.*
Sale, C. M., *Survey; Geol.*
Sanders, C. G.
Sardella, J. E., *Tech. Inst.*
Sarver, J. H., *M. E.*
Satterley, W. O.
Sauer, F.
Savage, H. C., Jr.
Schamehorn, E. C., *Math.*
Scheuermann, C., *Min. Tech.*
Schick, L. E., *Civil; Surveying*
Schiller, D. E., *Mach. Des.*
Schlegel, E. J.
Schrader, H.
Schruben, L. R., *Electrical*
Schwebke, H. J., *Indus. Arts.*
Schwehr, F. E., *Shop & Mech. Arts*
Scott, R. C.
Seaverns, C. F.
Sedlander, N. R., *Arch.*
Seeley, C. T., *Aero. & Aero. E.*
Seid, R. B., *Desc. Geom.*
Senne, J. E., *Thermo. & Power*
Shaffer, H. A., *Descriptive Geom.*
Shallene, W. E., *General*
Shapiro, S. E., *Architecture*
Sherrard, E. A., *Mach. Des.*
Shick, W. L., *Arch.*
Shiels, K. G., *Mechanical; Asst. Dean*
Shigley, J. E., *Machine Design*
Shupe, H. W., *Architecture*
Siegfried, R. H., *Mach. Des.*
Sieh, W. D., *Mechanical; Mach. Des.*
Silberberg, M. D., *C. E.*
Skamser, H. P., *Ed. Adm.*
Skoran, T. E.
Skubic, L. G., *Shop & Mech. Arts*
Slaby, S. M., *Mech.*
Smiley, F. E.
Smith, F. H., *M. E.; Mfg. Proc.*
Smith, G. B.
Smith, T. C., *Mech. & Mat.*
Smith, W. C., *Milt. Topography; Graphics*
Smith, W. H., *Personnel*
Smutz, F. A., *Mechanical, machine design*
Snoblin, K. A., *Math.*
Sohl, C. E., *Tech. Inst.*
Spalding, F. L., *Industrial*
Spencer, H. C., *Architecture*
Spencer, J. H., *Arch.*
Springer, C. H., *Civil, structural*
Springer, R. D., *Structural*
Stafford, A. B., *Aero.*

Staples, C. W., *Mach. Des.*
Stark, L. E., *Shop*
Steele, W. H., *Instrumentation Engr.*
Steffens, L. A., *Civil*
Stegman, G. K., *Shop & Mech. Arts*
Stevason, C. C., *Shop*
Stewart, H. B., *Engl.*
Stewart, O. C., *M. E.*
Stinson, W. G.
Stock, O. L., *Architecture*
Stone, O. M., *Architecture*
Stork, W. L., *Draft., Tool Eng., Prod.*
Strait, J. M., *Survey.; Mechs.*
Street, W. E., *General*
Styles, H. J.
Svensen, C. L., *Engr. Dr.; Mech. Dr.*
Swift, M. H., *Psychology*
Tague, J. R., *General*
Taylor, J. G., Jr.
Temlitz, R. L., *Shop & Mech. Arts*
Tess, P. J., *Mechanical*
Theakston, H. R., *General*
Thier, S. R.
Thomas, L. W., *C. E.*
Thomas, N. D., *Civil; Survey.*
Thomas, W. E., *Mfg. Proc.*
Thompson, C. H., *Hum.-Soc.; Tech. Institute*
Thompson, F. H., *Shop & Mech. Arts*
Thompson, H. C., *Machine Design*
Thompson, H. F., *Civil*
Thompson, R. P., *I. E.*
Thornhill, R. B., *M.E.*
Tinker, R. N.
Tredennick, D. C., *Math.; Mech. & Mat.*
Trent, H. F., *Mechanical*
Truesdale, F. E.
Tozer, E. F., *Mechanical*
Trumbull, R. G., *Kinematics*
Tulock, J. L., *Electr.*
Turner, W. W., *Architecture*
Tursich, E. J.
Tuthill, S. P., Jr., *M. E.; G. E.*
Twigg, J. F., *Math.*
Van Ham, L. A.
Vaught, N. R., *C. E.*
Vesper, D. R.
Vickers, J. M.
Vierck, C. J., *Mechanical*
Villo, W. M.
Vogel, M. L., *Des. Geom.*
Von Kaenel, J. C., *Thermo. & Power*
Vreeland, H. W., *Power & E. E.*
Walker, L. D., *Civil, surveying*
Walker, S. B., *Chem. Engr. Patent*
Wallis, H. C., *Genl. E.*
Walsh, F. W., *Architecture*
Walsh, G. W., *Gen. E.*
Walsh, H. V., *Architecture*
Walters, H. R., *Eng. Mech.*
Ward, H. C., *Engr. Graphics; M. E.*
Wardell, A.
Warner, F. M., *General*
Washburn, D. H.
Watkins, F. E.
Waymach, R. W., *Ind.; Gen.*
Wehmanen, R. W., *Tech. Inst.*
Weidhaas, E. R., *Arch.*
Weidmann, G. P.
Welch, H. E., *Tech. Dr.*
Wellman, B. L., *Mechanical; Mach. Des.*
Wenner, E. V., *Architecture*
Westfall, C. Z.
Whenman, J. H., *Mechanical*
White, F. D., *Ind. Eng.*
Wickham, R. C.
Willey, E. C., *Cons. Engr., H. & V.*
Wilson, G.
Wilson, W. H.
Wladaver, I., *Des. Geometry*
Wolff, M. J.
Wood, A. B.
Wood, F. M., *E. E.; M. E.*
Wood, J. N., *Machine Design*
Woodworth, F. M., *Math.*
Worsencroft, R. R.
Xiques, R. J., *C. E.*
Yarrington, P. T., *Agric.*
Zabcik, C. L.
Zacher, C. H., *Civil, Mech. & Mats., Tech. Inst.*
Zimmerman, W. E.
Zulauf, E. C., *Math.*

ENGLISH

Albrecht, W. P.
Allen, J. M., *Languages*
Albertson, J. H., *Hum.-Social*
Arader, H. F., *Hist.*
Arnold, C. K., *Tech. Ed.; Human.-Social*
Ashenhurst, F. F., *Librarian*
Ayers, J. A., *Psychology*
Benjamin, C. G., *President*
Birk, W. O., *Human.-Social*
Bitner, F. R., *Asst. V. P.*
Blickle, M. D., *Tech. Writing*
Bloxsome, J. L., *Human.-Social*
Bolton, J. H., *Editor*
Bowman, R. S., *Human.-Social, For. Lang.*
Boyd, L. E., *Human.-Social*
Brown, C. A., *Human.-Social*
Brown, W. K.
Burt, F. C.
Caldiero, F. M.
Chapin, L. W.
Christensen, G. J., *History*
Collester, C. H., *Librarian*
Comer, D. B., III, *His.; Latin; Greek*
Cook, J. S., *Hum.-Soc.*
Cory, A. M., *Human.-Social; Tech. Writing*
Cowles, R. G., *Lit., Report Writing*
Crater, W. H., *Human.-Social*
Creek, H. L., *Human.-Social*
Crouch, W. G., *History*
Cumberland, R. W., *History*
Davenport, W. H., *Human.-Soc. Stud.*
Devries, H. B., *Hum.-Soc.*
Dillard, H. N.
Donahue, T. L.
Durden, F. C., *Lib.; Graphic Art*
Elmer, R. W.
Ernst, E. H., *Econ.; Tech. Inst.*
Estrin, H. A., *Human. & Social Studs.*
Ewing, S. B.
Farrell, T., Jr., *Editor & Hum. Soc. S.*
Fatout, P.
Flint, P. H., *Human.-Social*
Fountain, A. M., *Languages*
Fraser, R. E., *Assoc. Editor*
Fregetto, D. F.
Frietzsche, A. H., *Hum.-Soc.*
George, J. M.
Gianniny, O. A., Jr.
Godfrey, W. P., *Human.-Social; General*
Gould, J. R., *Tech. Writing*
Green, T. F., *Soc. Sci.*
Guthrie, L. O., *Psychology*
Hall, A. V.
Halpert, V. B., *Phys.*
Hamlin, R. B., *Speech; Ind. Comm.*
Haskitt, H. O., *Speech*
Hedinger, H. E., *Eng. Dr.*
Higginbottom, E., *Languages*
Hobgood, A. A.
Hodges, J. C.
Holub, R. W.
Houp, K. W., *Technical Writing*
Howell, A. C., *Human.-Social*
Huffman, J. F., *Speech*
Humphrey, J. E.
Johnson, E. F., *Psych.; Hist.*
Jones, W. P.
Keables, N. C., *History*
Kelley, H. H., *Engr. Res.; Edtr.*
Knoll, H. B.
Ladd, D. C., *Tech. Pub. & Edu.*
Laity, W. C., *History*
Larson, G. J., *Hum.-Soc.*
Lloyd-Jones, R., *Tech. Writing*
Lufkin, J. M., *Languages*
Mack, E. C., *Human.*
Madeira, A. P.
Marshall, R. P., *English*
McClintock, E. C., *Economics; Libr.*

McGehee, E. M., *Ind. Eng.*
Mealy, D. F.
Miles, M. A., *Tech. Writing; Admin.*
Mock, C. O., *Drawing*
Murphy, K. M.
Nanla, A. J., *Human.-Social Studies*
Napier, J. J.
Nunn, T. R., *Human.-Social*
Nyland, W. S., *Human.-Social*
Olmsted, S. P., *Human.-Social*
Packard, T. H., *Drama*
Park, C. W.
Parker, J. P., *Human.-Social*
Parrott, A. A., *Mathematics*
Peacock, D. E., *Tech. Inst.*
Perry, W. H., *Human.-Social*
Pratt, J. M., *Hum.-Soc. Stud.*
Price, S. R., *Lang.; Human.-Social*
Rabby, J. W.
Ringe, D. A.
Roppolo, J. P., *Lit.; Eng. English; Adult Ed.*
Ryerson, F. E., Jr., *Human.-Social Stud.*
Saidla, L. E. A., *Psychology*
Sanford, C., *Tech. Writing; Chem.*
Schamehorn, E. C., *Gen. Sci.*
Schwichtenberg, R. J., *Human.-Social*
Seacrist, G. K., *Engl. Comp.; Sp.; Soc. Stud.*
Sencer, R. A., *Hum.-Soc.*
Senseman, W. M.
Seymour, A. M., *Mgr. Tech. News*
Shawcross, J. T., *Human.-Soc. Stud.*
Shirley, J. W., *Dn.; Hum.-Soc.*
Smith, F. R., *Human-Social Studies*
Smith, P. A.
Souther, J. W., *Hum.-Soc.*
Steinberg, A. H., *Hum.-Soc.*
Stelling, H. R.
Stillman, D. G., *Social Studies*
Stubbs, G. G., *Psychology*
Swift, M. H., *Hum.-Soc. Stud.*
Symonik, E. F., *Human.-Social*
Taft, F. L., *Human.-Soc.*
Thompson, K. O.
Thompson, P. V., *Human-Social*
Tuttle, R. E., *Human.-Social*
Ulrich, D. R., *E. E.*
Urbach, W. F., *History*
Van Dyke, J. R.
Van Dyke, M. W.
Walker, M.
Walten, M. G., *Human. Soc. Lit.*
Walter, J. A., *Tech. Writing & Editing; Human.*
Washburn, D. H., *Lang. & Lit.; Tech. Writing*
Watson, S. R., *Hist. of C. E.*
Webster, W., *Editor*
Wells, A. E.
Wilcox, E. R., *Civil, hydraulics*
Wilcox, J. E., *Electrical, power*
Wilkes, S. R., *Psych.*
Willey, E. C., *Machine Design*
Williams, Wentworth
Winters, S. B., *Humanistic-Soc. Studies*
Wise, J. N.
Wright, A., *Human.-Social*
Young, H. P.
Zall, P. M.
Zirnite, G. P.

GENERAL ENGINEERING

Adams, H. C., *Naval & Marine*
Albertson, J. H.
Aldinger, L. A., *Dir. of Educ.*
Alexander, D. E.
Allshouse, W. C., *Electronics*
Alverson, R. C., *G. E.*
Ambrosio, A.
Anderwald, C. J., *Assoc. in Educ.*
Anderson, A. M., *Mgr. Tech. Educ.*
Anderson, G. F.
Andres, A. J.
Angulo, C. M.
Armantrout, G. E., *Eng. Tech.*
Arnell, W. J.
Arnold, R. G., *C. E.*
Arthur, N. T.
Avery, D. E., *Drawg. Eng.*
Ayre, R. S., *Civil*
Bacha, C. P., *Industry*
Backs, N. E.
Baker, R. C.
Backer, G. H.
Balber, A.
Ball, H. J.
Barber, W. J.
Barker, Harry, C. E.
Barnes, K., *Hd. Dept.*
Barre, L. G.
Barrett, M. C.
Barriga, J.
Barry, J. E.
Bartlett, F. G.
Batchelor, H. B.
Bates, M. E.
Batteau, D. W., *Thermo. & Power*
Baughman, G. H.
Beane, J. A., *Drawing*
Beck, B. A.
Beck, N. C.
Beggs, J. S.
Bendick, S. A.
Benjamin, J. R.
Bennett, J. A.
Bergdolt, V. E.
Berggren, W. P.
Bergren, E. L.
Berry, D. S.
Biedenbach, J. M.
Bierly, G. W.
Bilanski, W. K., *Mech. & Mat.*
Bingham, R. W.
Billingsley, J. D., *Ordnance*
Bissiri, A., Jr.
Black, C. W., *Sci. & Engrg.*
Blair, L. N.
Blickensderfer, H., *Civil*
Bliesner, G. H.
Boehmer, H., *Drawing*
Boehnlein, C. T., *Aero. & Aero. E.*
Bolton, J. H., *Editor*
Bolz, H. A., *Industrial; Mach. Des.*
Bond, T. H.
Bonow, W. B., *Prod. E.; Mfg. Proc.*
Bordan, J., *Physics*
Bordt, F. J.
Botkin, K. E.
Bowen, D. H.
Bowles, L. E.
Boynton, P. W., *Coord. of Coll. Recruitg.*
Brenner, J.
Brickner, J. L.
Brown, H. H.
Brown, J. H., *Engr. Graph.*
Brown, R. Q.
Brown, W. J.
Bryant, John, *Pres.*
Buchberg, H., *Thermo.; Envir. Contr. (Des.)*
Buckholz, W. L.
Bullis, W. R.
Burner, C. E., *Milt. Sci.*
Burrill, C. M., *Res. Engr., E. E.*
Cagnoni, G. J.
Caldario, E. J.
Calendar, H. L.
Cambre, R. J., *E. Gr.*
Campbell, B., *Human.-Social*
Capelle, J., *Recteur*
Capuro, A. D.
Cardin, C. J., *Mechanical; Mech. & Mat.*
Carlson, C. I., *Draw., Mechanical*
Carter, R. J.
Cashion, J. J.
Cassidy, J. F.
Castle, D. W., *Eng. Gr.*
Changaris, J. S.
Cipriano, W.
Clegg, C. E., Jr.
Cobb, P. R.
Cochran, R. E.
Coleman, E. P., *Eng. Stat.; Coord. Mngmt.*
Contini, R., *Res. Coord.*
Corba, N. B.
Cox, L. E.
Crenshaw, C. W.

Croff, H. L., *Ind. Eng.*
Cron, R. E., Jr.
Crowley, C. A.
Cushing, R. F.
Dahm, N. F.
Dantona, L. R., *Tr. Dir.*
Dawson, C. H.
Dawson, E., *Research*
De Fotis, W.
Dejaiffe, E.
Dere, J. R.
Detwiler, V. V., *Res.*
Deutsch, M. N., *Tech. Inst.*
deVries, L. S., *Agric. E.*
DeWilde, A. C., *Power; Control; Math.; M. E.*
Dietz, J. C.
Dionne, E. A., *Ind. E.*
Dobrovolny, J. S., *Soil Mech.*
Dorsey, E. E.
Douglass, C. E., *Engr. Gr.*
Duffy, E. B., *Math.*
Duffy, J. W.
Dunn, W. A., *I. E. Coord.*
Dunn, W. L., *C. E.*
Dyche, H. E., Jr.
Eaton, M. E.
Eller, A. L., *E. Dr.*
Elsey, E. E.
Emery, C. L.
Emery, D. L.
Eno, R. S.
Evans, J. P., *Basic Courses*
Fage, J. H.
Farquharson, K. J.
Fedell, R. L.
Ferrel, W. L., *Mech. & Mat.*
Fetterley, G. H., *Physics*
Fine, D. M.
Finnell, E. J., Jr., *Mech. & Math.*
Fitzhugh, P. M.
Fogarty, J. W. P., *Mechanics*
Fogel, C. M., *Electrical*
Foody, J. J.
Foote, J. R., *Engr. Sci.*
Ford, C. Q.
Foreman, John E. K., *Hydraulics; I. C. Eng.*
Foster, C. A. B., *Math.*
Fox, S., *Acctcy.*
Fraser, B.
Frederick, M. E., *Pat. Law.*
Frey, K. P. H., *Res. Engr.*
Froula, H. C., Jr., *Physics*
Gallington, R. O.
Glover, L. E., *Mech. & Mat.*
Golden, L. D.
Gonsalves, L.
Goppert, H. R., *E. E.*
Gorman, M. J.
Graney, M. R., *Drawing*
Gray, J. L.
Gray, M. P., *Science*
Greenfield, M. L., *M. E.*
Griffith, J. W.
Grubb, G. C., Jr.
Guilford, E. C., *Appl. Sci.*
Guillou, R.
Guinn, J. R.
Gunderson, N. O.
Hall, C. E.
Hall, M. E.
Hall, S. G., *Drawing*
Hamilton, M. E.
Hamlin, R. B., *Eng.; Cultural Studies*
Hammer, V. B., *Mech.*
Hammond, R. H., *Drawing; Mach. Des.*
Hansen, A., *Chem. E.*
Harcourt, B. C.
Hardy, F. R.
Harris, J. B., *Tech. Institutes*
Hartley, T. C., *M. E.*
Hassler, G. L.
Hausrath, A. H., *Res.*
Haythornthwaite, R. M., *Struc.; Soil Mech.*
Heinlein, D. M., *Science*
Hemmerling, E. M.
Hempstead, J. C., *Thermo.*
Henderson, D. B.
Henry, H. L., Jr., *M. E.*
Herald, C. A., *Engr. Ext.*
Hernley, K. P.
Hershberger, W. D.
Herbein, H. J
Hetzel, T. B., *Eng. Drawing; Mechanical*
Hewitt, E. C., *Eng. Exten.*
Hicks, T. E.
Hipskind, J. P.
Hoag, A. L., *Surveying; Eng. Dr.*
Hodgen, A. R.
Hoehn, W. J.
Hoelscher, R. P., *Draw.*
Hogan, R. J., *Eng. Exten.*
Hoke, W. M., *Isom. Geom.*
Holcomb, R. M., *Civil*
Hollister, C. H., *Mgmt. Eng.; Consult.*
Hope, H. W.
Horldt, H.
Howard, G. W., *Tech. Dir.*
Howard, R. T., *Met.*
Howe, W. W.
Hudson, M. P., *Hum.-Soc.*
Huitema, R., *Phys. Sci.*
Hunter, K., *C. E.*
Hurty, W. C.
Huth, J. H., *Math.*
Irvine, J. A.
Jackson, J. R., *Voc. Guidance; Indus. Train.*
Jaco, C. M., Jr., *Ordance; Ch. E.*
James, H. A., *Survey*
Javier, R. L., *G. E.*
Jensen, C. M., *Physics*
Jones, J. O., *Eng. & Math.*
Jones, W. D.
Johnson, B.
Johnston, R. M.
Joyce, A. R.
Juran, J. M., *Consulting*
Kadala, R., *C. E.*
Kaiser, C. F.
Kampschaefer, O. L.
Kapp, H. E.
Kaufman, M., *Met. Tech.*
Kaufmann, M. I.
Kaufman, R.
Kaye, J., *Eng. Admin.; M. E.*
Keen, E. C.
Kelsey, E. L.
Kemp, C. E.
Kimball, L. E.
King, A. S.
Kittinger, W. T.
Klautsch, A. A., *Human. Relations*
Knight, L. J.
Koenig, L. R., *Mach. Des.*
Kohler, R. C.
Kolesar, J.
Kolupaila, S.
Kraft, W. E.
Kreider, M. J.
Kronsbein, J.
Krull, A. R., *Assoc.*
Kyle, W. T.
Lake, W. H., *Mech. E.*
Lamble, J. S., *Eng. Dr.*
Langdon, H. F., *Arts & Sci.*
Larson, J. L., Jr.
Latham, R. F., *Marine Eng.*
Lauchland, L. S., *Elec. Engr.*
Lawson, G. W.
Lee, L., *E. Res.*
Leitch, J. B.
Lennox, W. R.
Levister, E. C., Jr.
Lewis, B. B.
Lichty, W. H., *Product E.*
Lillie, J.
Little, A. S., *Engr. Drawing*
Lockwood, R. M., *Aeronautics*
Lodge, C. R.
Lomask, S.
Love, J., *Thermo. & Power*
Lowe, W. B.
Lucas, R. T.
Macartney, T. W., *Civil Eng.*
Maeder, P. F.
Majde, S., *Eng. Econ.; M. E.; Dev.*

Malaker, S. F., *Nuclear Engr.*
Mangnall, D. H., *Management Eng.*
Manildi, J. F.
Mann, G. E.
Mann, L. R., *Marine*
Marek, C. T., *Mfg. Prac.*
Maris, J. R.
Martin, B. W., *Drawing*
Martin, G. E.
Martin, G. K.
Martin, W. H.
McCarty, J. W., *Textile*
McClure, M. R., *Edu. Adm.*
McDonnell, R. L., *Phys.*
McKay, J. B.
McKean, J. P., *Industrial*
McLarney, W. J.
McNeese, D. C., *Survey, Gen.*
Meaney, T. J.
Menand, H.
Mentz, P. S.
Mentzer, J. R.
Merrill, R. A., *Industrial*
Merritt, C. H.
Michener, C. T., *Eng. Draw.; Mech. & Mats.*
Mihalasky, J., *Mgt.*
Miller, P. F., *Mech. & Mat.*
Mills, C. G.
Mitchell, D. R.
Mock, C. O., *Desc. Geom.*
Moesel, F. C., *Nuclear Engr.*
Molby, L. H.
Monack, A. J.
Mooney, C. V.
Morgan, D. W. R.
Morgan, R. A., *Petroleum*
Morton, G. F., *Engr. Sci.; Agri. Engr.; E. E.*
Moser, D. H.
Mosillo, F. A.
Murphy, C. E., *Pet. & Nat. Gas*
Nelson, G. A., *C. E.*
Nelson, G. R., *Arch. Eng.*
Nelson, H. C., *Engrg. Sci.*
Niednagel, R. E., *Tech. Inst.; I. E.*
Niesse, D. H.
Norman, K. E.
Nunn, T. R.
O'Brien, P. F., *Illum.; Thermo. & Power*
Ocvirk, F. W., *Mach. Des.; Mech. & Mat.*
Oen, G. P.
Ollszewski, C.
Osborne, H. S., *Elec.*
Ott, P. W., *Mech. & Mat.*
Owen, S. P., *Drawing; Ind. Eng.*
Palmer, A. I., Jr., *Patents; Mech. & Mat.; M. E.*
Parke, E. C.
Parker, E. M., *Arch. Eng.*
Parker, M. E., *Food Eng.*
Parker, R. N.
Parkinson, H. N., *Draw.*
Paskusz, G. F., *Electron.*
Patterson, R. E., Jr., *Eng. Exten.*
Paul, A. N.
Peacock, D. E.
Perez Cordero, L. M.
Petscavage, M. J.
Phillips, D. N., *I. E.*
Pierce, D. F., *Science*
Pollock, A. E.
Powell, K. A., *Test Engr.; Met.*
Preator, F., *Ind. Engr.*
Prewett, C. H.
Proctor, C. L., *Thermo. & Power, Draw.*
Propps, J. M.
Pugh, W. H.
Ranov, T., *Research; Design.; Applied Mechs.*
Readio, J.
Record, F. A., *Electronics*
Reed, K. W., *Mech. Engr.*
Renzi, P. N.
Rex, J.
Reyes-Guerra, D. R., *C. E.*
Reynolds, W. A.
Rhodes, C. F.
Richards, G. R.
Richards, W. L., *Gen. Extension, Eng. & Arch.*
Richardson, M. B., *Ind. Rel.*
Richardson, N. A.
Richardson, R. L., *Cons.*
Riese, R. L.
Rights, R. M.
Ritland, H. O.
Roberts, M. D., *Shop & Mech. Arts*
Robinson, F. E.
Rosenstein, A. B., *Electronics; Control*
Rossi, B. E., *Welding*
Rowlands, T. M., *Naval Arch.*
Royster, R. S.
Rubel, J. H.
Russell, F. D.
Sanchez, J. H., *Mech. & Mat.*
Sanders, V. D.
Sapega, A. E.
Scholl, L. W., *Tech. Inst.*
Schon, J. F.
Schroeder, F. W.
Scott, P. A.
Seabloom, R. W.
Secor, K. E.
Seid, R. B., *G. E.*
Setton, H. A.
Shackleton, S. P., *Personnel*
Shaffer, H. W.
Simpson, S. D., *Physics*
Singer, D. B., *Struc.*
Skoglund, V. J.
Slaven, G. C.
Smith, A. P., *Eng. Exten.*
Smith, D. H.
Smith, G. A.
Smith, G. E.
Smith, R. H., *Aero. E.*
Smith, V. M., *Dir. Tech., Shop & Mech.*
Smith, W. B.
Snyder, N. F.
Soellner, R. O.
Sogin, H. H.
Spalding, F. L., *Eng. Dr., Ind. Eng.*
Spewackek, E. G., *Ind. E., Mfg. Proc.*
Stathopoulos, G. T.
Stern, P. H.
Stevens, A. C.
Stewart, A. A.
Stewart, W. W., *Res. & Devel.*
Stinson, S. T., *Mech. & Met.*
Sullenberger, R. A., *Ind. Engr.*
Sullivan, T. E., *Chem. E.*
Swinson, W. F.
Symonds, P. S.
Taber, B.
Tague, J. R.
Tanger, G. E.
Thigpen, J. J., *M. E., Thermo. & Power*
Thor, E., *Agric.*
Thomas, H. E.
Tinetti, G. K., *Ind. Hydraul.*
Tinning, G. M.
Tobias, C. A., *Metal.*
Tracey, E. J. J., *Res.*
Trautman, D. L., *Elect. Eng.*
Treptow, P. W., *Physics*
Treseder, F. M.
Tribus, M., *Thermo. & Power*
Truitt, M. M.
Uban, M. W., *Indus.*
Underwood, W. N., *Military*
Vanzant, H. C.
Von Fange, E. K., *Creative Engr.*
Walker, L. D., *Survey*
Wallace, C. E.
Walraven, H. D.
Wang, H. E.
Wardell, A.
Warner, F. M., *Engr. Drawing*
Washington, W. H., *Electrical*
Wassink, H. J.
Weber, A. W.
Welch, A. H.
Wellman, B. L., *Mech.; Mech. & Mat.*
Wennagel, N. G.
Werner, H. D., *Eng. Exten.*
Weysser, J. L. G., *Con. Min. Eng.*
Wheelock, E. E., *Elec.*
Whenman, J. H., *Mechanical*
Whiteside, O. R.

Wiens, J. H., *Electronics, Physics*
Wiener, W. K.
Willey, E. C., *Eng. Draw.*
Williams, D. D.
Williams, E. R.
Williams, W. H.
Wilson, E. R., *Mechanical, mach. design*
Wiseman, H. A. B.
Wocholski, L. B.
Wood, A. B., *Mechanical, machine design*
Wood, J. N., *Electrical illumination*
Woodfield, K. W., *Sci.*
Wright, T. A.
Wright, W. J. T., *English*
Wulf, H. E. J.
Yez, M. S.
Young, J. G.
Zozzora, F., *Drawing*

GEOPHYSICAL ENGINEERING

Bates, F. C., *Aero.*
Blum, V. J., S.J., *Dn. Engr.*
Brooks, E. M., *Meteorology, Astronomy*
Cherry, J. T., *Geophys.*
Douglas, J. G., *Min. Tech.; Petroleum*
Green, C. H., *Geophys.*
Heinrich, R. R., *Geophysics; Min. Tech.*
Hewson, E. W., *Appiled Meteorology; Physics*
Karpinski, R. W.
Kissinger, C., *Geophysics*
Lieber, P., *Aero. & Aero. E.*
Nuttil, O. W., *Geophysics*
Walter, E. A., *Min. Tech.; Human.-Soc. Stud.*

HUMANISTIC—SOCIAL STUDIES

Albertson, J. H., *English*
Akey, W. W., *Psych., Personnel*
Amerman, P. L., *Dir. of Empl.*
Anderson, K. R., *English*
Andrews, G. O., *Asst. Dir. Empl. Rel.*
Atwood, L. L., *History; Languages*
Back, A. W., *Hist.; Lang.*
Baker, B. C., *Tech. Empl. Mgr.*
Barnard, N. H., *Assoc. Sec.*
Bartlett, H. R., *English & History*
Beckman, Bertha, *Adm. Asst.; Hist.*
Bethel, L. L., *President*
Blickle, M. D., *English*
Bowman, R. S., *Foreign Lang.; Engl.*
Bridgman, D. S., *Consult.*
Bryan, J. L., *Psych.*
Burger, Wm., *Dean*
Burton, W. W., *Empl. Mgr.*
Butler, E. W., *Vice Pres.*
Caldiero, F. M., *English*
Chance, W. W.
Chandler, A. D., Jr.
Chapitis, W. J., *Humanities; Eng.*
Chapman, S. W., *Engl. & Hist.*
Childs, R. de S.
Christensen, G. J., *Admin.; Engl.*
Coleman, A. P., *Languages*
Condit, C. W.
Conroy, G. P., *Phys.*
Cowles, R. G., *English*
Cumberland, R. W., *English*
Davis, H. L., *Psych.; Pers. Rel.*
Edington, W. F., *Psych.*
Elliott, E. C., *History*
Embler, W. B., *English*
Entwisle, F. N., *Psycho. Test. & Phys.*
Fife, J. P., *English*
Flint, P. H., *English*
Foster, C. I., *Hist.*
Frietzsche, A. H., *English*
Girvin, H. F.
Gluck, S. E., *Min. Tech.*
Grant, H. H., *Economics*
Green, T. F., *Hist.; English*
Greenfield, L. B., *Psych.*
Greiner, O. A., *Languages, Ret.*
Grover, K. N., *English*
Groves, M. H., *Assoc. Dn.; Psychol.*
Gullette, G. A., *English*
Guthrie, L. O.
Hall, A. V., *English*
Hamlin, R. B., *Eng.; Cultural Studies*
Hanson, A. E., *Psych.; Ind. Rel.*
Harrold, R. A., *Mgr.*
Hastings, H. B., *Econ.; Ind. E.*
Hickman, C. A., *Econ.*
Hicks, W. N., *Psychology*
Holstein, E. J., *Econ.*
Huiras, M. H.
Hunner, W. L.
Johnson, D. E., *Hist.*
Kelly, F. H., *Human.-Soc.*
Kerr, W. A., *Psych. & Ed.*
Kiehl, R. E., *Psych.*
Klitgord, O.
Kranzberg, M., *Hist.*
Krathwohl, W. C., *Psych.; Math.*
Laity, W. C., *English; Hist.*
Larkin, J. D., *Dean; Pol. Sci.*
Lawrence, A. A., *Econ.; Govern.; History*
Layle, H. F., *I. E.*
LeBold, W. K., *E. E.*
Lentz, O. H., *Econ.*
Long, E. L., *Philosophy; Religion*
Matchett, G. J., *Econ.; Ind. E.*
McGehee, E. M., *Adult Educ.; Linguistics*
Mellinger, R. L.
Meserve, G. H., *Drawing; Hist.*
Millor, W. J., *Languages*
Mueller, R. A. H., *Dean; Psych.*
Murphy, J. H., *Law*
Olmsted, S. P., *English*
Palmerton, L. R., *Psych.*
Paul, E. W., *Economics*
Pegram, G. L., *Personnel Management*
Perry, L. E., *Dn.*
Pinckney, D. E.
Price, S. R., *Engl.*
Rae, J. B., *History*
Rezneck, S., *Hist. & Pol. Sci.*
Riccio, R. A., *English*
Rich, J. A., *Econ.; Pers.*
Scharf, R. S., *Econ., Philosophy*
Scheiffley, C. K.
Schnack, H. H., *Psychology*
Shepard, H. A.
Shurrager, P. S., *Psych.; Pers.*
Shurrager, P. S., *Psych.*
Shurter, R. L., *English*
Skeels, D. R., *English*
Snively, S. F., *Econ.; Hist.; Psych.*
Startz, A., *Econ.; Ind.*
Stillman, D. G., *English*
Streeter, H., *M. E.*
Sullivan, T. M., *Acct.*
Thatcher, R. Y., *Law; Civil*
Thompson, K. O., *English*
Trimble, L. P.
Walten, M. G., *English; Literature*
Whitlock, B. W., *Engl.*
Widdop, R.
Williams, R. M., *Account.; Engr. Econ.*
Woolford, M. K., *Psych.*
Zimmerman, J. F., *Econ. & Gov.*

INDUSTRIAL ENGINEERING

Adams, R. M., *Teach.; Consult.*
Akey, W. W.
Alexander, W. T., *Mechanical, Mfg. Proc*
Allan, E. R., Jr.
Allen, W., *Management; I. E.*
Alvarez, R. E.
Amrine, H. T., *Industrial*
Anderson, C. A., *Stat. Qual. Control*
Angrist, A. W., *Training Dept.*
Antzes, H. L., *M. E.*
Apple, J. M., *Ind. Mgt. Cons.*
Armstrong, W. H., *Shop and Mech. Arts*
Ashenhurst, F. F., *Systems Anal.*
Asherman, G.
Ashworth, E. R., *Engr. Econ.*
Auzenne, G., *Bus. Adm.*
Babel, H. W.

Baer, C. J., *Eng. Dr.; San. E.*
Baker, D. F.
Bangs, J. R., *Pers.; Labor*
Barish, N. N., *Assoc. Dn.; Engr. Econ.*
Barnes, R. M., *Eng. Econ.*
Barnum, Jerome, *Dir., Mgement.*
Bartlett, T. E., *G. E.*
Baughman, R., *Ind. Tech.*
Beatty, H. R., *Mechanical*
Beehler, C. H., *M. E.*
Beightler, C. S., *Math.*
Belavic, A. M., *Gen. Educ.*
Benedict, O., Jr., *Metallurgy; Mfg. Proc.*
Bentley, W. J., *Mgmt.*
Berger, P. A., *Tex. Eng.*
Bergstrom, R. E., *Product Eng.*
Betterly, R. E., *M. E.*
Bigelow, C. G., *Mgt.*
Bishop, A. B., III, *Qual. & Prod. Control*
Blekking, E. H.
Block, S. M., *M. E.*
Boh, J. J., *G. E.*
Bokenkamp, H. J.
Boling, R. W.
Bolz, H. A., *Mechanical*
Borecki, T. B.
Boston, O. W., *Mfg. Proc.; Prod. Eng.*
Bright, J. R., *M. E.*
Brooks, W. F., *Dean*
Brown, I. D.
Bullinger, C. E., *Eng. Economy*
Burgess, A. R., *Mgmt.*
Burns, J. L., *Math.*
Butler, E. H.
Caldwell, J. W.
Carothers, F. L., *Management, Eng.*
Carson, A. M., *M. E.*
Carson, R. G., Jr., *Textiles*
Carroll, F. T., *Admin.*
Casberg, C. H., *Mechanical, Emer.*
Case, H. W., *Psychology*
Cavanagh, G. F., *M. E.*
Churchill, W. H., *Mfg. Proc.*
Cleveland, F. W., Jr.
Coleman, E. P., *Eng. Statistics*
Couch, J. H.
Covan, J. P.; *Mfg. Proc. Tool Design; Stat.*
Cowles, H. A., *Eng. Econ.*
Cox, G. B., *Shop*
Cox, W. N., *Safety Engrg.*
Creveling, J. H., *Coord. of Coop. Engr.*
Cronin, J. C., *Ind. Mngt.; Motion & Time Stud.*
Cross, R. E., *Mgmt.*
Dana, F. C., *Engr. Econ.*
Datsko, J., *Prod. E.*
D'Avella, J. V., *Ind. Management*
Daggett, R. L., *Mech.; Mfg. Proc.*
Daugherty, V. R., *Tech. Inst.*
Davidson, H. O., *Oper. Res.*
Davison, D. J., *Engr. Econ.*
Davison, F. L., *Methods Engr.; Ch. E.*
Deegan, J. W., *M. E.*
DeGarmo, E. P., *Eng. Econ.; Mfg. Proc.*
Deleo, E. A.
Dennett, H. F., *Eng. Dr.*
Dent, H. M., *Mechanical*
DeYoung, R.
Dexter, G. M., *Mech., Thermo. & Power*
Dinda, R.
Disney, R. L.
Dudek, R. A., *Eng. Econ.*
Doulet, D. C., *Text. Engr.*
Downey, P. M.
Dows, H. W., *M. E.*
Draper, A. B.
Draper, C. R., *Mgr.; Mktg., Commun. Dev.*
Dunckel, R. L., *G. E.*
Eastman, R. M., *Eng. Econ.; M. E.*
Eaton, P. T., *Human.-Social*
Ebbs, R. E., Jr., *Engr. Dwg.*
Edmondson, J. N., *Prod. E.; Mech.*
Egry, C. R., *Mfg. Proc.*
Ekey, D. C.
Elrod, J. T., *Mfg. Proc.*
Emerson, H. P., *Econ.*
Emerson, W. D.
Enell, J. W., *Mechanical*
Engesser, W. F.
Eppelsheimer, D. S.
Fabel, D. C., *Min. Tech.; Met.*
Fabrycky, W. J., *E. Dwg.*
Fage, J. H., *Tech. Inst.*
Farwell, R. S., Jr., *Pers. Admin.*
Ferguson, E. J., *Eng. Econ.; Admin.*
Flader, F.
Flatow, P. L., *Mgt. Sci.*
Fletcher, L. J.
Fowler, H. G.
Frangipane, L. J., *Ind. Engr.; Mechs.*
Freeman, D. R.
Frazer, J. R., *Eng. Econ.*
Genzlinger, B. S., *Eng. Econ.*
Gilbreth, L. M., *Mechanical; Psychology*
Glover, L. E., *Mach. Des.; Mfg. Proc.*
Goetz, B. E., *Ind. Mgt.; Account.; Econ.*
Goldman, J., *Mfg. Proc.*
Goldstein, I. R., *Engr. Econ.*
Goliber, P. F., *Heating, Air Cond. & Refig.*
Gomberg, W., *E. Econ.*
Good, M. R., *Gen. Eng.*
Goode, H. P., *Gen. E.*
Gould, A. F., *Oper. Analysis*
Graham, L. M., Jr., *Engr. Draw.*
Grant, H. H., *Mgt. & Eng. Econ.*
Green, R. S., *Civil*
Greene, J. H., *Mechanical; Hum.-Soc.*
Greenwald, D. U., *Heat Power; Mfg. Proc.*
Gregg, R.
Griffith, J. W., *Illum.*
Groseclose, F. F., *Mechanical*
Hainer, L., *Mfg. Proc.*
Hall, H. L., *Econ.*
Halpern, E., *Physics*
Harper, G. W., *Safety Engr.*
Hausman, P. G., *Mfg. Proc.*
Harris, L. J., *Ind. Rels.*
Hartje, G. F.
Hassell, H. P.
Hauer, N. A., *Ind. Train.*
Hauer, N. A.
Hauser, N., *Eng. Econ.*
Heebink, D. W., *Engr. Econ.*
Hegman, A. R., *Prod. E.*
Hellmer, C. A.
Henderson, F. R., *Tech. Inst.*
Hobson, J. W., *V. P.*
Hobson, L. S.
Holbrook, G. G., *Mgt. & Pers.*
Holder, W. G.
Holme, T. T., *Mech. E.*
Holstein, E. J., *Mngmt.*
Holzman, A. G., *Operations Research*
Homer, E. D., *Math.*
Howell, C. M., *Pulps Paper Tech.*
Howland, D., *Operations Res.*
Hoyt, B. W.
Hudson, W. R.
Huffman, H. L.
Huffman, J. R., *Human.-Social*
Hummel, J. O. P., *Economics; Human.-Social*
Hundley, D. H.
Hussey, R. A., *Account.; Econ.*
Imhoff, J. L., *Mech.*
Ireson, W. G., *Qual. Control*
Jaffe, W. J., *Mgt. Engr.*
Jenkins, D. R., *Thermo. & Power; Tech. Inst.*
Johnson, C. M.
Johnson, G. C. K., *Engr. Econ.*
Johnson, G. E., *Engr. Econ.*
Jones, R. S., *Mechanical*
Juran, J. M.
Kane, G. E.
Kattwinkel, O. F., *Pers.*
Keachie, E. C., *Economics; M. E.*
Keating, A. E., *M. E.*
Keith, C. W., *Ind. Arts*
Kibbey, D. R., *M. E.*
Kiehl, R. E., *Pers. Hum.-Soc.*
Kilbridge, M. D., *Math.*
Kimball, R. M.
Kleinschmidt, A. C., *Eng. Econ.*
Kline, B. E.
Knight, W. A., *Shop*
Koerper, E. C., *Tech. Inst.*

Kuebler, A. A., *Mfg. Proc.*
LaForge, R. M., *Eng. Econ.*
Laitala, E., *M. E.*
Lander, L. C., *Mfg. Proc.*
Lane, W. E.
Lascoe, O. D.
LaVerda, M. J., *Mgt. E.*
Lawall, C. E., *Consult.; Min. Tech.*
Lazarus, I. P., *Mech. & Mat.*
Leekoff, D., *Min. Tech.*
Lehoczky, P. N., *Economics*
Lehrer, R. N., *Oper. Res.*
Leonard, G. D.
Lesser, A., Jr., *Eng. Econ.*
Lieberman, G. J., *Statistics*
Lindenmeyer, R. S., *Shop & Mech. Arts*
Lindsey, J. F., *E. Econ.*
Linsky, C., *Automat.; Methods & Stds.*
Llewellyn, R. W., *Math.*
Lohmann, M. R., *Human-Social*
Lott, A. O.
Loux, M. Z.
Loveless, H. L., *Text. Engr.*
Lubin, J. L., *Econ.*
Lynam, W. A., *Mech. E.*
Lytle, C. W., *Wage & Salary Admin.; Pers. Rel.*
MacFarlane, J. R., *M. E.*
Mahan, J. F., *Mechanical*
Malcolm, D. G., *Oper. Res.*
Manning, H. L.
Margolin, C. H.
Marshall, T. A.
Martin, H. W., *Mgt. Eng.; Mgt. Cons.*
Martinson, E. P., *Coord. of Coop. E.*
McCord, R. E., *Tech. Inst.*
McElrath, G. W., *Ind. Statistics*
McHose, A. H., *Mech. E.*
McKenna, J. V., *Mgt.; Motion & Time Study*
Mees, R. T., *Eng. & Res.*
Meier, F. A., *M. E., Mfg. Proc., Math.*
Mergen, F. C.
Merrick, C. M., *Mfg. Proc.*
Merritt, C. S., *Foundry Practice*
Metz, D. C., *Tech. Inst.*
Mihalasky, J., *Eng. Econ.*
Miller, D. B.
Miller, O. W.
Miller, R. F., *Math.*
Miller, R. R., *Mech. & Mats.*
Ming, F. W., *Engr. Draw.*
Mitchell, R. I., *Inst. Adm.*
Mitten, L. G., *Math.*
Moore, C. E., *M. E.*
Moore, H. D., *Shop*
Moore, J. M., *Mech. E.*
Moore, L. B., *Human-Social*
Morgan, J. C., *Cooperative*
Morgan, W. W., *Ind. Mgt.*
Morris, W. T., *Eng. Econ.*
Moss, C. R., *Cost Anal.; E. Econ.; Syst.*
Moy, W. A., *Engr. Econ.*
Mullee, W. R.
Mundel, M. E., *Ind. Admin.*
Muni, H. W., *Adm.*
Murphy, J. W.
Murphy, T. C., *Dir.*
Nadler, G.
Nattress, J. A., *Engr. Econ.*
Netter, M. A., Jr., *Mfg. Process.*
Newton, A. F.
Niebel, B. W., *Mfg. Proc.*
Nisbett, S. L., *Mfg. Proc.; Tool Engr.*
Nordstrom, J. A.
Norem, B. H., *Mfg. Meth.; Des. & Layout*
Norton, P. T., *Eng. Economy*
Noyes, L., *Human.-Soc. Stud.; Pers. Rel.*
Oakford, R. V.
Oliver, C. B., *Power; Shop & Mech. Arts*
Ostertag, C. W., *Mfg. Proc.; Mech. Des. & Refr.*
Owen, H. F., *Mfg. Proc.*
Owens, B. W., *Mechanical*
Page, E. L., *M. E.; Mfg. Proc.*
Page, F. B., *Dev. Eng.*
Palken, G., *Chem. E.*
Panzeca, P. J.
Parden, R. J.
Paul, A. N., *Mach. Des.; Manuf. Proc.*
Peck, E. B.
Pepper, P. M.
Perkins, D. L., *Mach. Des. Mfg. Proc.*
Perkowski, N., *M. E.*
Pigage, L. C., *Prod.*
Plumb, W. W., *Engr. Dwg.*
Poage, S. T., *Math.*
Poore, D. M., *Engr. Econ.*
Porter, D. B., *Mechanical; Mfg. Proc.*
Ragland, R. K., *Chf. Ind. Engr.; Glass Mfg.*
Rathe, A. W., *Mgmt. Engrg.*
Rau, A. H., *Cons. Eng. Adm.; E. Dr.*
Rawles, C. M., *Supv. Grad Rec., E. E.*
Redman, G. P.
Reed, E. A.
Reed, R., Jr.
Reese, R. C., *Consulting Engineer*
Reinhart, G. C.
Reis, I. L., *M. E.*
Rhodes, T. J., *Mechanical*
Rich, J. A., Jr., *Mgmt. E.*
Richardson, M. B., *Pers.*
Richardson, W. J.
Richman, E.
Riedesel, G. A., *Res. E.*
Rising, E. J., *Mech. & Mat.*
Ritchey, J. A.
Rivers, G. E., *Mfg. Eng.*
Robbins, L. J.
Roberts, M. D., *Ind. Tech.; Elec.*
Robley, A. A.
Robson, F. B.
Rockwell, T. H., *Methods; Standards; Safety*
Roemmele, H. F., *Heat*
Rogers, H. B., *G. E.; E. Econ.*
Romeo, A., *Econ.*
Roscoe, E. S., *Mechanical; Mfg. Proc.*
Rowe, A. J., *Thermo. & Power*
Rubinsky, S., *Mfg. Proc.; Met.*
Ruten, W. H.
Sampson, M. W., *Pers.*
Sanford, G. W.
Schaerff, W. W., *M. E.*
Schmid, M. D.
Schrader, G. F., *M. E.*
Schrader, H.
Schroedel, K. B., *Math.*
Schultz, A. S., *Personnel*
Sellers, G. A., *Mfg. Proc.; Eng. Met.*
Sellon, W. A., *Ind. Arts*
Shafer, R. E.
Sheely, M. C.
Shumaker, C. H., *General*
Sievers, G. A., *Psych.*
Sizelove, O. J., *Economics*
Smalley, H. E., *Mgmt. Eng.*
Smith, A. J.
Smith, B. E., *M. E.*
Smith, C. P.
Smith, R. C., *Coord. Coop. Eng.*
Smith, R. D., *M. E.*
Sollenberger, R. C., *Mechanical*
Sommerman, G. M. L., *Electrical Res.*
Spafford, W. F., *Pers. & Ind. Rel.*
Spinner, A. H., *Mfg. Proc.*
Spriegel, W. R.
Stainton, R. S., *Economics*
Stanton, W. G.
Staton, R. T., Jr., *Asst. Dn.*
Steinkamp, A. L., *Tech. Inst.*
Stoughton, B. C., *Ind. Adm.*
Studnicki, R. P.
Swalm, R. O., *Eng. Econ.*
Swenson, H. R., *Ind. Adm.*
Taylor, G. A., *General*
Terrell, P., *Engr. Econ.*
Thomas, F. H., *Mfg. Processes*
Thomas, G. D.
Thomas, M. D., *Welding; Mfg. Proc.*
Thompson, C. E., *Math.*
Thompson, L. M.
Thuering, G. L., *Eng. Econ.*
Thuesen, H. G., *Eng. Econ.*
Tims, G. B., Jr., *Mgmt.*
Tippitt, F. W., *Math.*
Torgersen, P. E.
Turkes, W. R.

Van Winkle, E. H., *Economics*
Vaughan, F. E., *Mach. Des.*
Vaughn, R. C., *Math.*
Villers, R., *Partner*
Vines, Q. C., *Labor Arbitration*
Waite, W. W., *Labor Rel. & Pers. Admin.*
Walker, T. H., *Engr. Econ.*
Walkup, J. K., *Eng. Econ.*
Weaver, W. H., *Cons. Ind. Engr.*
Webster, G. L., *M. E.*
Weinwurm, E. H.
Wheelock, E. E., *Mfg. Mat. & Proc.; E. E.*
White, J. M., *Math.*
Whitt, S. A., *Mechanical*
Wilcox, D. B., *Eng. Econ.*
Wilkes, J. W., *Mech.*
Williams, R. J.
Williams, S. C., *General*
Williams, T. E., Jr.
Wilson, D. G., *Ind. Tech.*
Wilson, R. C., *Engr. Econ.*
Winter, F. C., *Mechanical; Mfg. Proc.*
Winter, W. P., *Mfg. Proc., Foundry; Mechs.*
Withycombe, R. P., *Engr. Dwg.*
Wolfarth, H. W.
Wykes, S. A., *Eng. Economics*
Yingst, J. E., *Mach. Des.*
Young, H. H., *Plant Des.*
Zelios, D., *Mfg. Proc.*
Zobel, E. C., *Field Engr.*
Zook, W. W., *E. E.*

LIBRARIANS

Batcheller, H. G., *Chm. of Bd.*
Bennett, C. W.
Betts, R. E., *English*
Bonn, G. S., *General*
Budington, W. S., *Electrical*
Chamberlain, M., *Math.; Physics*
Chapin, R. E.
Chapman, E. A.
Chesire, E. E.
Crosland, D. M.
Drake, C. C.
Fairman, W. H., *G. E.*
Gibson, Madeline
Hyde, W. H.
Jones, B. A., *Tech. Data*
Kale, E. I.
Kee, W. A., *Aero.*
Lee, M. H.
Leslie, P., *Ch. E.*
Locke, W. N., *Dir. Lib.*
McGee, F. M., *Cataloging*
Metcalf, A. H.
Moody, R. H.
Morelock, M. J.
Moriarty, J. H., *Audio-Vis.*
O'Leary, F. B., *G. E.*
Penrose, C.
Pinches, M. F., *Chemistry*
Pings, V. M., *Hum.-Soc.*
Poor, Jeanette
Ramer, J. D.
Ritchie, M., *Eng.*
Rovelstad, H., *Human-Social*
Rowley, G. S.
Satterthwaite, F. E., *Ind. Engr.*
Sauter, H. E.
Schlundt, E. M.
Schmidt, A. C., *Coord.*
Schoonover, B.-B.
Sharp, H. S., *Mech. & Mat.*
Tumbleson, I. A.
Waite, J. M., *Shop & Mech. Arts*
Wallace, W.
Whitford, R. H., *Physics*
Wilcox, D. B., *Economics*
Wilcox, V. L.

MATHEMATICS

Alfred, B.
Alverson, R. C., *Mech.*
Amos, C. E., *Mechanical; Physics*
Anderson, C. N., *Power*
Anderson, E. W., *Aero. Eng.*
Anderson, H. B., *Elec. & Comm.*
Archer, L. H.
Aull, C. E.
Aylor, M. W., *Eng. Math.*
Baeumler, H. W.
Bailey, A. H.
Baker, J. L., *Mech. & Mat.*
Barkan, H., *Economics*
Barnette, N. H., *General Eng.*
Barrick, D. L., *Psychology*
Bates, O. K., *Basic Engr.*
Bender, H. A., *Physics*
Bender, P. R.
Bennett, A. A., *General*
Benumof, R., *Math.-Sci.; Physics*
Binder, R. C.
Black, C. W., *Mech. & Mat.*
Black, L. T., *E. Dr.*
Blatherwick, A. A., *Mech.*
Bodor, S. J., *Phys.*
Branovan, L., *Electrical; Power*
Brooke, W. E., *Mech. & Mat.*
Brown, E. C.
Bullock, R. C.
Burington, R. S., *Electrical; Physics*
Burrill, C. W.
Byers, G. C.
Callahan, C. J., *Science*
Canady, E. J.
Carr, C. R.
Cashen, W. R.
Cell, J. W., *Mech. & Mat.*
Chambers, W. W.
Chen, A. T.
Church, R.
Cobb, R. N.
Cockshott, A. H., *Pers.*
Cook, E. M.
Cooke, H. C., *Mechanics*
Cowles, W. H. H.
Cramer, P., *Drawing*
Crane, E. J.
Cross, L., *E. E.*
Cummings, M. H.
Daly, J. F., *Physics*
Dangel, H. A., *Dir. Adm.*
Daus, P. H.
Davids, N., *Mech. & Mat.*
Davis, A. G.
Davis, A. W., *Mech. & Mat.*
Davis, C. L., *Engr. Mech.*
Davis, R. B., *Psych.*
Davis, V. D.
Davis, W. M., *Mech. & Mat.*
Dawson, J. K., *Des. Geom. & E. Dr.*
Denny, C. E., *Draw.*
DePree, J. D.
de Rivera, H. L., *Physics, Geo.*
DiRende, J. S., *Tech. Ch.*
Dix, L. E., *Civil*
Doeringsfeld, H. A., *Civil; Mech. & Mat.*
Doutt, R. E., *Drawing*
Dunholter, R. J., *Mechanics*
Dunlap, L. T.
Eastham, J. N., *Civil*
Elconin, V., *Dn.; Phys.*
Engebretson, H.
Erkiletian, D. H.
Eyer, P. H.
Eyermann, L. M., *Mathematical Phys.; Chem.*
Farrell, M. B., *Drawing*
Fields, R. I.
Fine, A. K.
Fisher, J.
Fithian, J. H., *Physics*
Fopma, R. J., *Mech. & Mat.*
Foster, R. C., *Aero. Eng.*
Franti, C. E., *Human-Soc.*
Frounfelker, R. E.
Fulton, A. E.
Gaskell, R. E.
Gehman, H. M.
Gibson, J. O., *Physics*
Giddings, H. A., *Chemical*
Glenn, W. H., *Asst. Coord.; Math.*

Gottschalk, W. H.
Graham, W. W., *Surveying*
Griff, E. R.
Griffith, E. C.
Grimm, C. A.
Gunder, D. F., *Mechanics and Materials*
Guy, W. T., *Physics*
Haggerty, G. B., *Applied Math.*
Hall, C. F.
Haller, M. E.
Harbison, C. L.
Harrington, J. M., *Psychology*
Harris, A. M.
Haskins, E. E.
Haubner, R. K., *Asst. Registrar*
Heacock, F. A., Jr., *Math.; Eng.*
Hatcher, T. W., *Mechanical*
Haubner, R. K.
Heime, G. C.
Hemmerling, E. M., *Physics*
Hempstead, J. C., *Gen. E.*
Hinrichsen, J. J. L., *Mech. & Mat.*
Hirschkop, R.
Hoehn, R. G., *C. E.*
Holme, J. M., *Mechanics*
Hossjer, G., *Phys.*
Howe, R. T.
Hultquist, P. F., *Physics*
Hunt, G. H.
Hurst, J. W., *Physics*
Hutchinson, C. A.
Huyck, A.
Hwang, M. C.
Ingalls, E. E., *Eng. Dr.*
Jackson, R. F., *Computing*
Jewell, R. M., *Tech. Inst.*
Johnson, C. A.
Jones, A. P., *Head*
Jones, A. W., *Industrial*
Juszli, F. L., *Tech. Inst.*
Kalish, A.
Kells, L. M., *Mech. & Mat.; Physics*
Kennedy, C. F.
Kennedy, M. L.
Kent, J. T., *Astronomy*
Kerr, R. H., *Physics*
Keuper, J. P., *Physics*
Kimball, S. H.
King, R. K.
Kirk, T. Jr., *Physics*
Klipple, E. C., *Physics*
Klose, O. M., *Physics*
Knowler, L. A., *Astronomy*
Knudsen, A. R., *Electr.*
Knudsen, J. R.
Konove, Carl
Koren, C., *Gen. E.*
Krathwohl, W. C., *Personnel*
Kreider, M. J.
Kreider, O. C.
Larsson, R. D.
Lehmann, C. H.
Lessard, R.
Levenson, M. E., *Physics*
Levine, Jack
Lewis, C. H., *Physics*
Liming, R. A., *App. Des. Math.; High Sp. Comp.*
Little, C. H.
Loffin, Z. L., *Mech. & Mat.*
Lucitte, E. A., *Mechanical*
Lundberg, G. H., *Program.; Digital Comp.*
MacDonald, J. A., *Tech. Inst.*
Mackey, A. A.
Madison, M. L.
Mainarde, P., *Engineering*
Maly, D.
Martin, J. L.
Mason, W. E., *Civil*
May, D. C., *Physics*
McConnell, R. K., *Hum.-Soc.*
McCuan, M. G., *Gen.*
McDonough, D. L.
McMillin, K. M., *Analog; Computation*
Menger, K.
Miller, F. H., *Physics*
Miller, H. L., *Mech. & Mat.*
Miser, W. L.
Molina, E. C., *Electrical*
Moore, B. C., *Chemical*
Moore, H.
Morita, K., *Physics*
Morley, R. K.
Morris, S.
Morrow, D. C., *Physics*
Mumford, C. G.
Nace, H. W.
Nead, D. M., *Grad. Study Adv.*
Nelson, A. L.
Nelson, R. D., *Physics*
Nelson, W. K., *Electrical*
Newell, R. F.
Newsom, C. V.
Nicholas, C. P., *Col. Mil. Staff*
Nippe, L. O., *Electric.; Power*
Nolstad, A. R.
Nunn, W. R., *Mech. & Mat.*
Nurnberger, P. A., *Mech. & Mat.*
Oakley, C. O.
Oberbeck, T. E., *Oper. Res.*
Oleson, L. D., *Mech. & Mat.*
Oberbeck, T. E.
Olsen, C. E.
Osner, H. J., *Engrg.*
Otis, F. F.
Owens, F. W., *Electrical*
Palmer, T. P., *Gen. Eng.*
Pananides, N. A., *Civil; Draw.*
Parrott, A. A., *English*
Pease, E. M. J., *Electrical*
Perry, John M.
Peters, S. E.
Peterson, D. F., *Civil*
Peterson, D. M.
Petrea, H. A.
Pierce, J. E., *Chm.; Math.; Eng.*
Pierce, J. P., *Power*
Pipes, L. A., *Applied Math.; E. E.*
Plant, J. M.
Plant, L. C., *Physics*
Pollick, H. J., *Physics*
Polowy, H.
Price, T. W., *Thermo. & Power*
Purdie, K. S.
Race, E. A.
Raker, P. H.
Rankin, R. M., *C. E.*
Reeks, M. R., *Eng. Dr.*
Rees, C. J., *Provost*
Reingold, H., *Ed. Adm.*
Reinsch, B. P., *Mech. & Mat.*
Renoud, H. R., *C. E.*
Restemeyer, W. E., *Electrical, Control*
Rice, H.
Rice, H. S., *Chemistry; Tech. Inst.*
Riggs, B. M., *Physics*
Ritter, I. F.
Rivard, E. P., *E. E.*
Rogers, F. W., *Mech. & Mat.*
Roland, H. C., *Sci.*
Root, R. E., *Mechanics & Materials*
Rose, N. J., *Physics*
Ross, R. M., *Physics*
Roth, S. G.
Rust, C. H.
Rutland, L. W.
Rutledge, H. G.
Ryan, P. H.
Sanchez-Diaz, R., *Chemistry*
Schmidt, H. P., *Dean of Men*
Schraut, K. C.
Schenkel, R. W., *E. E.*
Selby, S., *Physics*
Sharp, H. S., *Educ. Admin.*
Sherrill, C. I., III, *Physics*
Simester, J. H.
Smith, A. J.
Smith, J. C., *Gen.*
Smith, P. W., *Mat. Phys.*
Smith, S. R., *Physics*
Snively, L. C., *Electrical; Power*
Solt, M. R.
Spear, Joseph, *Human-Social*
Speece, H. E.
Stahl, K. H.

Stauffer, J. R. K., *General*
Stevenson, M. L., *Eng.*
Stiles, R. B., *C. E.; Struct.*
Stock, W. A.
Stowe, J. H., *Physics*
Stough, B. N.
Stout, C. E., *Math.*
Strout, G. M., *Phys.*
Stubbs, H. L.
Surbaugh, J. W., *Mech. & Mat*
Suter, A. K., *Tech. Inst.*
Swanson, E. L., *Music*
Thomas, G. B.
Thomas, C. F., *Civil, Surveying*
Thomas, D. Boyd, *Mech. & Mat.*
Thomas, O. M., *Mechs. & Mat.*
Thompson, R. G., *Physics*
Threlkeld, W. A.
Tovani, E. P., *Power*
Trabant, E. A., *Science*
Tucker, A. W.
Turrittin, H. L., *Mechanics & Mat.*
Van Voorhis, W. R., *Oper. Res.*
Vance, Mrs. J. J.
Varner, W. W., *Electron.*
Viertel, W. K., *Physics*
Virene, E. P., *Statis.*
Wallace, W., *Physics*
Walters, R. E.
Warnock, W. G.
Warschawski, S. E.
Wasson, H. P.
Watson, G. C.
Weidmann, G. P.
Whitford, D. E., *Mechanics*
Whittern, H. N., *Physics*
Wilcox, L. R., *Elect. Eng.*
Williams, F. H. M.
Williams, H. P., *English*
Willits, W. M.
Wilson, L. T., *Phy.*
Winton, L. S., *Elec.*
Wood, H. A., *Aeronautics*
Wulf, H. E. J., *Sales, Eng.; Ind. Hydr.; Mech.*
Wylie, C. R., Jr., *Educ. Admin.*
Yanosik, G. A., *Civil, structural*
Young, R. W., *Physics*
Zanborrie, M. H.
Zant, J. H.
Zeldin, S. D., *General*

MECHANICAL ENGINEERING

Acker, D. D., *Staff Engr.; Design*
Abbasl, A. D., *Ch. E.*
Acker, S. H., *Trans.*
Adams, R. G., *Dn.*
Agnew, J. T., *Chemical; Thermo. & Power*
Ahern, J. J., *Industrial*
Akerman, J. R., *Thermo. & Power*
Albert, D. P., *Mech. & Mat.*
Aldrich, B. M., *Mach. Des.; Lubr. & Ht. Tr.*
Aldrich, H. L., *E. Dr.; I. E.; Shop & Mech.*
Algren, A. B., *Refrigeration; Heat*
Ali, M. M.
Allen, C. W., *Mech. Des.; Mech. & Mat.*
Allen, F. E., *Metallurgy*
Allen, P., *Thermo. & Power; Draw.*
Allen, R. W., *Thermo. & Power*
Allen, S. C., *Draw.; Mach. Des.*
Allman, J. M., *Mach. Des., General*
Altamuro, V. M., *Ind. E.*
Alvord, H. H., *Mech. & Mat.*
Ambrosius, E. E., *Thermo. & Power*
Amidon, L. L., *Mach. Des.; Heat Power*
Ammons, R. L., *Aero.*
Amstead, B. H., *Exec. Asst.-Dean; M. E.*
Andeen, J. W., *Heat Power*
Anderson, A. W., *Heat Power*
Anderson, B. W., *Mech. & Mat.*
Anderson, C. E., *Heat Power*
Anderson, C. O., *Thermo. & Power; Phys. Met.*
Anderson, C. R., *E. Dr.; Mach. Des.*
Anderson, E. W.
Anderson, F. A., *Mach. Des.*
Anderson, J. H., *Mfg. Proc.; Metallurgy*
Anderson, J. W.
Anderson, R. D., *Shop & Mech.*
Andolina, A. V., *Mach. Des., Thermo. & Power*
Andrews, A. H.
Andrews, R. E.
Apple, J. M., *Ind. Eng.*
Appleton, G. R., *Engrg. Draw.*
Areaux, V. G., *Engrg. Draw.*
Arehart, L. E.
Arents, C. A., *Electrical; Mach. Des.*
Arenz, R. J., *Aero. & Aero. E.*
Arnberg, B. T.
Arnold, F. R., *Mach. Des.; Thermo.*
Arnold, J. E., *Mach. & Pro. Des.; Psy.*
Astill, K. N., *Heat Power*
Atherton, R., *Thermo. & Power*
Aubrey, W. C., *Thermo. & Power*
Ault, E. S., *Machine Design; Mech. & Mat.*
Aust, M. L., Jr., *Mech. & Mat.*
Austin, J. B., Jr.
Autenrieth, G. C., *Eng. Dr.*
Auth, G. H., *Mach. Des., H-P.*
Avallone, E. A., *Mech. & Mat.*
Avery, D. E.
Ayers, M. T., *Machine Design*
Azpell, E. W., *Design; Mech.*
Bacha, C. P., *Thermo. & Power; Mech. & Mat.*
Bachelder, A. C.
Bachman, C. L., *Heat Power*
Backer, S.
Bacon, R. A., *Thermo. & Power; Mech. & Mat.*
Bailey, C. D.
Bailey, J. A., *Mach. Des. & Thermo. & Power*
Bailey, J. F., *Thermo. & Power*
Bailey, N. P., *Heat Power*
Bair, W. E., *Chem. E.*
Baker, J. B., *Heat Power; Mach. Des.*
Baker, M., *Dir.*
Baker, W. E., *Mechs.*
Bakken, S. E., *Eng. Dr.*
Baldo, A. F., *Thermo. & Power; Physics*
Baldwin, B. B.
Balise, P. L., *Auto. Control, Math.*
Ball, H. D., *Thermo. & Power*
Bareither, H. D., *Power*
Barnard, N. H., *Mfg. Proc., Industrial*
Barnes, W. P., *Assoc. P. M. E.*
Barnes, W. P., *Thermo. & Power*
Barnwell, J. H.
Bartels, J., *Heat Power*
Bartholomew, E. L., *Phys.; Metallurgy*
Barylski, J. R.
Basch, P. H., *Mechanics; Structures; Soil*
Basu, A. K.
Batchellor, H. B., *Heat Power*
Bates, M. E., *Machine Des.*
Batteau, D. W., *Thermo. & Power*
Battin, W. J., Jr., *Thermo & Power*
Baumeister, T., *Thermo. & Power*
Baxter, L. K., *Heat Trans.; Thermo.*
Bayer, B. M., *Thermo. & Power*
Bayer, R., *Thermo. & Power*
Bayne, J. W., *Mach. Des.; Mech.*
Beakley, G. C., *I. E.*
Beckwith, T. G., *Machine Design*
Bedell, R. K.
Begeman, M. L., *Mfg. Proc.*
Behler, R. W., *Educ. Supr.*
Beitler, S. R., *Heat Power*
Bell, N. R., *Electrical; Power Pl.*
Benedict, O., *Mfg. Proc.; Metal.*
Benischek, H. W., *Contracts; Pet. E.*
Bennett, J. G., *C. E.*
Berard, S. J., *Drawing*
Berends, H. E.
Bergdolt, V. E., *Thermo. & Power; Nuclear E.*
Berggren, W. P., *Nuclear*
Bergh, D. A., *Min.; S. & M. A.*
Bergren, E. L., *Drawing*
Bergren, G. W., *Machine Des.; Mfg. Proc.*
Berleth, F. H., *Dir. Engr. Traing.*
Bernado, R. F.
Berry, C. H., *Heat Power; Power Plants*
Best, H. W.
Better, B. R., *Dir. of Res.*
Bezbatchenko, M., *Draw.; Mfg. Proc.*
Biehl, A. T., *Phys.*

Billings, J. H., *Nuclear Sc.*
Bilyk, M. H., ***Mach. Des.***
Binder, R. C., ***Mech. & Mat.***
Birkness, H. A., ***Mach. Des.; Math.***
Birnie, C., *Thermo. & Power*
Bischof, G. J., ***Metallurgy; Mfg. Proc.***
Bjork, J. A., ***Mach. Des.; Mech. & Mat.***
Black, H. M., ***Mech. & Mat.; Mach. Des.***
Black, P. H., *Mech. & Mat.; Mach. Des.*
Blair, P. M., *Thermo. & Power; Aero. E.*
Blaisdell, A. H., *Aeronautics*
Blade, M. F., *Draw.; Ind.*
Blakeslee, H. W.; *Draw.*
Blakeslee, T. R., *Thermo. & Power; G. E.*
Blanchard, R. S., ***Mech. & Mat.***
Blanche, J. G., *Heat Power*
Bliss, Z. R.
Blizard, W. E.
Blum, H. A.
Bluman, D. E.
Bobbitt, C. W., *Math.*
Bobco, R. P.
Bock, A. E., ***Power; Marine***
Boehmer, A. P., ***Refrig.; Heat Trans.***
Bogard, B. T., ***Industrial; Thermo. & Power***
Bogardus, F. J., ***Mach. Des.; Mech. & Mat.***
Boggs, J. H., *Aero. E.*
Bolt, J. A., *Thermo. & Power*
Bolz, H. A., ***Mach. Design; Mech. & Mat.***
Bolz, R. E., ***Res.***
Bonthron, R. J.
Boore, W. F.
Borden, R. R., *Tech. Inst.*
Bordt, F. J., *Thermo. & Power*
Boston, O. W., ***Cons., Prod.; Mfg. Proc.***
Boubel, R. W., *Mech. & Mat.*
Boutwell, F. K., ***Mech. & Mat.***
Bowers, R. P., *Engr. Dr.*
Boyer, M. C.
Boyle, T. A., ***Thermo. & Power***
Bradbury, D., ***Mach. Des.; Mech.***
Brainard, B. B., ***Heat Power; Min. Tech.***
Brand, R. S., ***Mach. Des.; Mechanics***
Brandenburg, P. F.
Brandt, D. A.
Brattin, C. L., ***Eng. Dr.***
Breckenridge, R. W., ***Mfg. Proc.; Metallurgy***
Bright, J. R., ***Mfg. Proc., Material Handling***
Brillinger, C. J., *Dir. of Tr.*
Brock, J. E.
Broghamer, E. L., ***Mach. Des.; Mech. & Mat.***
Broughton, D. C., ***Mech. & Product Devel.***
Brown, A. I., ***Thermo. & Power***
Brown, C. L., ***Thermo. & Power, E. Econ.***
Brown, D. H., ***Thermo. & Power***
Brown, E. A., Jr., ***Thermo. & Power***
Brown, F. J., *I. E.*
Brown, H. E., ***Thermo. & Power***
Brown, H. K., ***Aero. & Aero. E.***
Brown, J. M., ***Math.; Mach. Des.***
Brown, J. S., ***Air Cond.; Thermo.***
Brown, O. G., ***Thermo.-Power***
Brown, W. S., ***Thermo. & Nuclear Eng.***
Bruehl, W. O., ***Mech. & Mat.***
Bruno, L. A., ***Shop & Mech. Arts***
Bryan, W. L.
Bryson, A. E., Jr., *Aero. E.*
Buch, W. G.
Buchberg, H.
Buchbinder, H. G., ***Mech. & Mat.***
Bucher, P., ***Heat Power; Power Plants***
Buck, N. L., ***Mach. Des.; Stress Analysis***
Bucknall, E. H., ***Met.***
Budenholzer, R. A., ***Heat Power; Mech.***
Buhl, H. R.
Bunting, J. W., ***Thermo. & Power***
Burgess, S. W., ***Thermo. & Power***
Burgoyne, C. B., *Sales; Erec.; Test.*
Burley, W. M., Jr., ***Heat Transfer; Fluid Mechs.***
Burnham, M. W., ***Thermo. & Heat Pow., E. Mech.***
Burr, A. H., ***Mach. Des.; Mech. & Mat.***
Burrell, M. Q., Jr., *E. Draw.*
Bursik, J. W.
Burton, B. E.
Buxton, O. E., Jr., *Thermo. & Power*
Burstein, S. Z.
Bush, B. H., ***Thermo. & Power***
Bussel, Bertram, *Gen.*
Butler, H. W., *Thermo.; Fl. Dynam.*
Buxton, O. E., Jr.
Caddess, J. H., *Mach. Des.; Mech. & Mat.*
Calhoun, J. D.
Calkins, J.
Calvert, F. O., *Thermo. & Power*
Cambel, A. B., ***Math.; Thermo. & Power***
Campbell, F. R., ***Mach. Des.; Min. Tech.***
Campbell, J. M., ***Thermo. & Power; Ind.***
Campbell, J. S., ***Mach. Des.; Mfg. Proc.***
Candee, F. W., ***Heat Power; Eng. Dr.***
Cannon, J. N., *Aero.*
Cantlupe, V. J., ***Draw.; Mech. Des.***
Carbon, M. W., *Phys.*
Carlson, H. M., *Thermo.; Fl. Mech.*
Carmichael, C., ***Machine Design Eng.***
Carpenter, H. J., ***Mach. Des.; Thermo. & Power***
Carroll, F. T., Jr., *I. E.; Coop. Ed.*
Carroll, J. R., ***Heat Vent. & Air Cond.***
Carter, W. J., ***Mech. & Mat.; Mach. Des.***
Carter, W. M., *Mach. Des., Mfg., Thermo.*
Carvin, F. D., ***Heat Power; Physics***
Casberg, C. H., *Mfg. Proc.*
Castellanos, L. J., ***Phys.***
Cather, H. M., ***Heat Power; Power Pls.***
Cessna, S. R., *E. E.*
Chaikin, P., ***Draw.; Ind.***
Chalk, W. S.
Challender, R. C., ***Ind., Mach. Des.***
Chao, B. T., *Pow.; Nuclear Engr.*
Chapel, R. E., ***Aero.; Mach. Des.***
Chapman, A. J., ***Heat Power; Math.***
Chapman, B. R., *M. E.*
Chapman, R. G., ***Ind. Adm.***
Chapman, R. L., *Thermo. & Power; Phys.*
Chariton, N. G.
Chase, E. C., ***Mach. Des.; Shop & Mech. Arts***
Chevalier, C. E., *Engr. Dr.*
Chieri, P. A. C., ***Thermo. & Power***
Childs, M. E., *Thermo.; Heat Power*
Choi, H. Y.
Chovanes, E.
Christensen, H. D., *Aero. Engr.*
Chow, W. L., *Aero. & Aero. E.*
Christie, A. G., *Power; Mfg. Proc.*
Christopher, R. A., *Math.*
Chumley, J. G., ***Draw.; Industrial***
Church, A. H., ***Machine Des.***
Church, E. F., ***Thermo. & Power***
Clack, R. W., *Phys.*
Clamons, E. H., ***Mach. Des.; Mech.***
Clark, D. S., ***Pers.; Thermo. & Power***
Clark, D. S., ***Mat.***
Clark, L. E.
Clark, L. G., *I. E.*
Clark, Maryln E., *C. E.*
Clark, T. D., Jr.
Cleghorn, M. P., ***Thermo. & Power***
Clements, W. B., ***Industrial; Mfg. Proc.***
Clifford, G. E.
Clifford, L. E.
Clothier, R. F., *Ch. E.*
Clower, J. I., ***Machine Design***
Coder, C. H., Jr., *Aero. E.*
Cogburn, C. O., ***Thermo. & Power***
Cohen, R., ***Mach. Des.; Mechs.***
Colby, H. R., ***Thermo. & Power***
Cole, D. H., ***Mathematics***
Collins, R. N.
Colvin, C. H.
Como, J.
Comparin, R. A.
Connell, C. R., ***Kinematics-Fluid Mech.; Power***
Conner, N. W., ***Mech. & Mat.; Mach. Des.***
Conta, B. J., ***Thermo. & Power***
Conta, L. D., ***Thermo. & Power***
Coogan, C. H., Jr., ***Thermody.; Heat Trans.***
Cook, J. C., ***Thermo. & Power***
Cook, M. A., ***Machine Design***
Cope, J. H., ***Mach. Des.; Thermo. & Power***
Cope, R. L., ***Shop***
Cope, W. J., ***Thermo. & Power; Mach. Des.***
Corey, H. S., ***Engr. Dr.***
Costa, A. J., ***E. Dr.; Shop & Mech. Arts***
Cotter, J. B., ***Mech. & Mat.***
Cornet, I. I., ***Corrosion***

CoVan, J. P., *Mfg. Processes*
Covert, R. P., *I. E.*
Cowie, Alexander, *Machine Design*
Cox, J. G., *Math.*
Cox, W. N., *Safety*
Crafton, P. A
Crain, R. W., Sr.
Crandall, S. H., *Mech. & Mat.; Math.*
Crank, R. E., *Thermo. & Power*
Crawford, C. W., *Assoc. Dn.; Engr. Mechs.*
Crede, C. E., *Mech. & Mat.*
Creson, W. K.
Croft, H. O., *Heat Power; Economics*
Cromer, O. C., *Heat Power*
Cross, E. F., *Struct.; Thermo. & Power*
Crossley, F. R. E., *Mechanics*
Crowninshield, W. W., *Draw.; Thermo. & Power*
Curran, H. M., *Math.*
Curran, T. M., *Naval Arch.*
Currerl, J. R., *Dynamics, Auto. Control*
Curtis, C. A., *Thermo. & Power*
Curtis, R. W.
Cyphers, H. E., *Thermo. & Power*
Czaki, T. G.
Daccardo, S., *Eng. Drawing*
Dahlman, M. S., *Engr. Drwg.*
Daly, E. A., *Thermo. & Power*
Daniel, K. R., *Ind. E.*
Daniel, L. R., *C. E.*
Daniels, T. E., *Coord. Coop. Eng.*
Datsko, J., *Mach. Des.; Mfg. Proc.; Metall.*
D'Avella, J. V., *Mfg. Proc.*
Davenport, M. E.
Davey, J. T., *Mach. Des.; Eng. Dr.*
Davis, C. P., *Mach. Des.*
Davis, L. E., *Mfg. Pro.; Industrial*
Davis, S. R., *Thermo. & Power*
Davis, S. S., *Heat Power*
Dawson, E. F., *Thermo. & Power*
Day, E. E., *Mach. Des.; Mech. & Mat.*
Day, R. W., *Thermo. & Power*
Deaver, F. K.
DeCicco, M. A.
Decker, J. D., *Thermo. & Power*
DeGarmo, E. P., *Industrial; Mfg. Proc.*
Degler, H. E.
Delich, M., *Thermo. & Power; Math.*
DeLuise, F. J., *Thermodyn.; Ht. Transfer.; Sanit.*
DelVecchio, A., *Thermo. & Power; Mechs.*
Deming, D. E., *Thermo. & Power; Mech.*
DeMoss, M. L.
Denavit, J., *E. E.*
Den Hartog, J. P., *Mech. & Mat.*
Derks, R. J.
Devine, Jas. J., *Heat Power*
DeVries, J. P., *Math.*
DeWitt, D. P., *Math.*
Diboll, W. B., Jr., *Mach. Des.; Vibr.*
Dillio, C. C., *Thermo. & Power*
Dillenbeck, H. L., *Drafting*
Dirende, J. S.
Ditsworth, R. L., *Mech. & Mat.*
Dittfach, J. H., *Thermo. & Power*
Dodson, E. E., *Thermo. & Power*
Doebelin, E. O.
Dominic, R. P.
Domonoske, A. B.
Donaldson, C., *Machine Des.; Ind.*
Donnelly, J. B., *Eng. Dr.*
Donovan, E. T., *Heat Power; Power Pls.*
Doolittle, J. S., *Thermo. & Power; Heat Trans.*
Dossat, R. J., *Refrig. & Air Cond.; Thermo.*
Dougherty, C. R. G., *Chem. E.*
Doughtie, V. L., *Mach. Des.; Mech. & Mat.*
Dove, R. C., *Mech. & Matls.*
Dowell, Dawson
Downing, D. G., *Mach. Des.; Mech. & Mat.*
Downs, J. B. T., *Machine Design, H.-P.*
Doyle, F. B., *Mach. Design; Thermo.*
Doyle, L. E., *Mfg. Proc.; Ind. E.*
Doyle, R. E., *Mach. Des.; Mech. & Mat.*
Doyle, W. L., *Mach. Des.; Mfg. Proc.*
Drechsler, F. S., *Indus.; Thermo. & Power*
Dreyer, S. F., *Tech. Institute*
Drinka, M. G.
Dropkin, D., *Thermo. & Power*
Drucker, E. E., *Thermo. & Power*
Dubensky, R. G.
Duchacek, H., *Thermo. & Power*
Duncan, A. H.
Dunk, A. C., *Mach. Des; Mech. & Mat.*
Dunlap, A. L., *Mach. Des.; Mech. & Mat.*
Dunn, J. W., *Mech. & Mats.; Thermo. & Power*
Dunn, M. G.
Dunning, E. L., *Thermo. & Power*
Durbetaki, P., *Thermo. & Power*
Dusinberre, G. M., *Thermo. & Power*
Dutton, R. A., *Thermo.; Aero.*
Dybczak, Z. W.
Earle, C. R., *Thermo. & Power*
Eastland, D. M., *Mechs. and Mat.*
Easton, A. H., *Thermo. & Power*
Easton, W. H., *Mach. Des.; Heat Power*
Eaton, H. D., *Mech. Equipment*
Eckberg, H. F.
Eckerman, E. H., *Thermo. & Power*
Eckhardt, C. J., *Thermo. & Power*
Eckman, D. P., *Elec. Cont.*
Edel, D. H., *Engr. Graph.*
Edis, A. R.
Edmonson, G. V., *Fluid Mach.; Systems*
Edwards, J. L., *Thermo. & Power*
Egermeier, R. P., *Phys.*
Egry, C. R., *Machine Design; Ind.*
Eichhorn, R., *Thermo. & Heat Trans.*
Eisenstadt, R., *Mach. Des., Termo.*
Elberfeld, J., *Thermo. & Power; Mech. & Mat.*
Elkins, R. L., *Eng. Drawing*
Elliott, B. G., *Heat Power; Power Plants*
Elsevier, E., *Thermody.; I. C. Engines*
El-Wakil, M. M., *Nuclear Engr.*
Ember, G.
Emmerson, G. S., *Res. & Devel.*
Emmons, H. W., *Aero. & Aero. E.*
Endsley, L. E.
English, M. L.
Englund, J. E., *Mach. Des.; Mfg. Proc.*
Englund, J. S., *Shop & Mech. Arts*
Eppes, J. V., *Mach. Des.; Thermo. & Power*
Epple, A. B., *Heat Power*
Erdman, F. S., *Thermo. & Power*
Ermenc, J. J., *Heat Power*
Erneman, H. G., *Heat Power; Mach. Des.*
Espy, W. N., *Thermo.; Mech.*
Etemad, G. A., *Thermo. & Power*
Ettore, J. E., *Mech. & Matl's*
Eustis, R. H.
Evaldson, R. L.
Eyre, T. T., *Heat Power; Refrigeration*
Ezekiel, F. D.
Fabel, D. C., *Min. Tech.*
Fahnestock, M. K., *Environmental Psychology*
Fairbanks, A. J., *Thermo. & Power; Hydr.*
Faires, V. M., *Mach. Des.; Thermo. & Power*
Fairfield, J. G., *Heat Power; Mach. Des.*
Fales, A. R., *Drawing*
Falls, Eugene K., *Cons., Press. Relief Sys.*
Farber, E. A., *Aero.; Thermo. & Power*
Faucett, T. R., *Mach. Des.; Mech. & Mat.*
Fazekas, G. A. G., *Mach. Design; Appl. Mech.*
Fedorchuk, H. N., *Thermo. & Power*
Feener, D. H., *Aeronautics; Heat Power*
Fehrman, A. L.
Felereisen, W. J., *Thermo. & Power*
Fellinger, R. C., *Thermo. & Power*
Fellows, J. R., *Heat Power; Civil*
Fellows, R. D., *Heat Power*
Fenn, F. H.
Feridun, K. K., *Mach. Des.*
Fernandes, J. H., *Dir.*
Fernow, B. E., *Heat Power; Power Pl.*
Ferrell, W. L., *Shop*
Ferretti, A. J., *Mechs.*
Field, J. W., *Shop & Mech. Arts*
Finlayson, F. S., *Fluid Mech.; Mach. Des.*
Firey, J. C., *Combustion*
Fisher, D. A., *Thermo. & Power*
Fitch, W. C., *Thermodyn.; E. Ec.*
Fittz, R. U., *Thermo. & Power; Mach. Des.*
Fletcher, R. H., *Thermo. & Power; Mats.*
Flinner, A. O.
Flipse, J. E., *Marine E.; Mach. Des.*

Flory, F. C., *Mfg. Proc.*
Fluck, P. G., *C. E. Constr.*
Folsom, R. G., *Aero.; Thermo. & Power*
Fontaine, W. E.
Foody, J. J., *Thermo. & Power*
Ford, A. D., *Thermo. & Power*
Ford, C. Q., *Thermo. & Power; Nuclear*
Ford, P. W., *Mat.; Mfg. Proc.*
Forman, G. W., *Mech. & Mat.*
Forstall, W., *Thermo. & Power*
Foster, A. R., *Thermo. & Power; Met.*
Foster, E. L., *Thermo. & Power*
Fowler, R. W., *Mach. Des.*
Fowlkes, C. W., *Design*
Foxwell, W. H., *Mach. Des; Mech. & Mat.*
Fox, Jay, *G. E.*
Francis, A. D., *Mech. & Mat.*
Francis, L. L., *Mechs. & Mats.; Mfg. Proc.*
Franck, C. C., Sr., *Mech. Engr. & Mat.*
Frantilla, W. L., *Mach. Des.; Thermo.*
Freberg, C. R., *Res.*
Freeman, R. L., *Met.; Mfg. Proc.*
French, J. L., *Math.*
Friederich, A. G., *Mach. Des.*
Fritz, D. C.
Fry, F. S., *Thermo. & Power; Mech. & Mat.*
Fry, H., *Mach. Des.; Thermo. & Power*
Fryling, G. R., *Thermo. & Power*
Fukushima, T., *Mech. & Materials*
Fuller, C. E., *Gen. E.*
Fuller, L. C.
Fullerton, H. P., *Machine Design*
Fung, S. A.
Futral, S. M., *Thermo.; E. E. Comm.*
Fyfe, I. M.
Gaal, R. A.
Gadbois, S. E., *Nuclear Engr.*
Gaither, R. B., *G. E.*
Galuzevski, R. A., *Mfg. Proc.; Indus.*
Gardner, C. N., *Aero. E.*
Garland, C. F., *Mach. Des.; Applied Mach.*
Garman, W. D., *Mechanics; Thermo. & Power*
Garrett, C. R.
Gay, N. R., *Heat Power*
Gebardt, R. F.
Gebhart, B., *Heat Power; Fluid Mechanics*
Gehrig, A. G., *Mfg. Proc.*
Geiger, J. W., *Thermo. & Power; General*
Gencsoy, H. T., *Engr. Dwg.*
Georgian, J. C., *Mach. Des.; Power*
Gershun, T. L., *Thermo. & Power; Math.*
Gibbs, R. E., *Heat Power; Power Plants*
Gibbs, R. H., *Marine Engr.*
Gibson, A. W.
Gibson, G. W., *Chief Engr.*
Giedt, W. H., *Mech. & Mat.*
Gilbert, M. L., *General*
Giles, A. G., *Drawing; Mach. Des.*
Gill, J. D., *Heat Power; Mach. Des.; Aero.*
Gilpin, C. A., *Ind.; Mfg. Proc.*
Gjesdahl, M. S., *Machine Design; Draw.*
Gleason, J. G., *Aeronautics*
Glenn, W. A.
Glisson, C. O.
Goethe, S. P., *Thermo. & Power; Illum.*
Goglia, G. L., *Thermo. & Power*
Goglia, M. J., *Thermo. & Power; Math.*
Gonzalez, M. F.
Goode, H. P., *Industrial; Mfg. Proc.*
Goodman, T. P.
Gordon, I.
Gordon, P. B., *Heat Power*
Gorman, W. M., *Mfg. Proc.; E. Dr.*
Gose, R. V., *Min. Tech.*
Gosman, A. L., *Thermodynamics; Heat Transfer*
Gould, A. F., *Mfg. Proc.*
Grace, C. T., *Mach. Des.; Mech.*
Graff, W. J., Jr., *Nuclear E.*
Graham, L. G., *Thermo. & Power*
Grant, D. A.
Grassi, R. C., *Industrial; Mfg. Proc.*
Grau, H.
Graves, W. A., *E. Dr.*
Greeley, C. E., *Heat Power*
Green, B. M., *Machine Des.; Mech. & Mat.*
Greenfield, M. L., *Mach. Des.*
Greenwald, D. U., *Industrial*
Greffe, C. D., *Mach. Des.; Mech. & Mat.*
Gregory, P. C., *E. E.*
Griffin, F. S., *Engr. Dwg.*
Grogan, P. J., *General; Thermo. & Power*
Guenther, O. V., *Mech. & Mat.; Coord. Coop. E.*
Guerdan, G. A., *Mach. Design; Mfg. Proc.*
Gulick, L. N., *Manuf. Proc.*
Guldon, M., *Industrial; Thermo. & Power*
Gwiazda, S. J., *Mach. Des.; Mfg. Proc.*
Hadfield, R. W. M., *Mach. Des.; Mech. & Mat.*
Hagist, W. M., *Hydr.*
Hainlin, A. W., *Thermo. & Power; Electr.*
Hale, H. P.
Hall, A. S., *Mach. Design; Mech. & Mat.*
Hall, C. A., *Heat Power; General*
Hall, G. P.
Hall, K. W., *Mach. Des.*
Hall, N. A., *Thermody.; Power*
Hall, R. J., *I. E.; Mfg. Proc.*
Hall, W. A., *Fluid Mechs.*
Halleen, R. M., *Thermodynamics & Heat Power*
Hallock, J. I., *Mfg. Proc.; Shop & Mech. Arts; Engr. Gr.*
Haman, A. C., *Int. Comb. Engs.; Missile Struct.*
Hamilton, D. C., Jr., *Nuclear Engr.; Heat Trans.*
Hamilton, H. B.
Hamilton, H. C.
Hamilton, J. F., *Mach. Des.*
Hammer, S. S., *Thermo.-Heat Power; Aero.*
Hansen, P. G.
Hanson, K. P., *Heat Power*
Hardgrave, J. M., *Aero.; Thermo. & Power*
Harker, R. J., *Mach. Des.*
Harman, C. M., *Thermo. & Power*
Harper, J. W., *Thermo. & Power; Shop & Mech.*
Harrington, R. L., *Industrial*
Harris, E. K.
Harrisberger, L., *Mach. Des.*
Hartenberg, R. S., *Kene. & Mach. Des., Aero.*
Hartman, J. B., *Mach. Des.; Mech. & Mat.*
Hartnett, J. P., *Heat Transfer*
Hartsaw, W. O., *Draw.; Mach. Des.*
Hatch, J. P., *Mach. Des.; Mech.*
Hawk, M. C.
Hayleck, C. R., *Mech. & Mat.*
Head, R. R., *Heat Transfer*
Heath, C. O., *Mech. & Mat.*
Heath, G. L., *Thermo. & Power; Mechs.*
Hebrank, E. F., *Admin; Thermo. & Power*
Helmer, R. C., *Mgt.; Thermo. & Power*
Helander, L., *Heat Power; Power Pls.*
Helmers, D. J., *Fluid Dyn.; Heat Trans.*
Hemmert, R. A., *Mach. Des.*
Hendrickson, G. A., *Thermo. & Power; Mech. & Mat.*
Hendrickson, H. M., *Thermo. & Power*
Hennick, D. C., *Shop & Mech. Arts; Mfg. Proc.*
Henry, J. A., *Thermo. & Power; Ind.*
Henry, L. L., *P. E.*
Henshaw, C. N., *Mach. Des.*
Hermes, R. M., *Mach. Des.; Mech. & Mat.*
Hernandez-Lopez, W.
Herndon, C. L., *Mach. Des.; Thermo. & Power*
Hertig, B. A., *Ind. Hygiene*
Hesselschwerdt, A. L., Jr., *Heat Power*
Hetzel, T. B., *Eng. Drawing*
Hicks, L. F., *Thermo.; Heat Trans.*
Hilding, W. E., *Thermodynamics & Heat. Trans.*
Hill, A. M., *M. E. Design*
Hill, R. C., *Thermo. & Power; Ind.*
Hindle, N. F., *Mach. Des.; Mft. Proc.*
Hinkle, R. T., *Machine Design; Mechs.*
Hinton, W. A., *Heat Power*
Hirthe, W. M., *Thermo. & Power; Genl. Eng.*
Hitchcock, J. E., *Math.*
Hochner, R. M.
Hockey, A. A., *Math.; Drawing*
Hoefer, E. G., *Mach. Des.; Mech. & Mat.*
Hoffman, L. A., *Dean*
Hogan, R. J., *I. E.*
Holcomb, W. W.
Holden, R. W., *Thermod.*
Holdredge, E. C., *Thermo. & Power; Math.*
Holland, A. D., *Heat Power; Refrig.*
Hollander, A., *Mach. Des.; Thermo. & Power*
Holmes, A. G., *Industrial*

Holmes, C. W., *Heat Power; Mech. & Mat.*
Holmes, W. J., *Heat Power*
Holowenko, A. R., *Mach. Des.; M. & M.*
Holt, J., *Heat Power; Power Pl.*
Holt, R. E., *I. E.*
Hooper, I. P., *Mach. Des.; Thermo. & Power*
Hope, H. W., *Thermo. & Power; Engr. Dr.*
Houghton, A. V., III, *Thermo. & Heat Power*
Howard, D. E., *Mach. Des.; Thermo. & Power*
Howatt, C. T., *Math.*
Howe, E. D., *Thermo. & Power*
Howell, G. H., *Mach. Des.; Ind.*
Howes, V. E., *Draft. Coor.*
Hoye, F. W., *Thermo. & Power*
Hsu, S. T., *Heat Trans., Thermo.*
Huckert, J. W., *Mach. Des.; M. & M.*
Hudelson, G. D., *Thermo. & Power*
Hudson, D. E., *Mach. Design*
Hudson, W. G.
Hughes, A. D., *Thermo. & Power*
Hughes, P. B.
Hull, W. L., *Heat Power*
Humphries, J. C., *Mach. Des.*
Hurlbrink, R. W., III, *Thermo. & Power*
Hurst, C. J., *Mechs. and Mats.*
Ibele, W. E., *Thermo. & Gas Dyn., Heat Power*
Ihrig, H. K., Jr., *Gas Dynam. & Thermo.*
Imming, H. S., *Mech. & Math.*
Ingalls, R. D., *Mechs.*
Inveiss, J. H., *Thermo. & Power; Mech.*
Iversen, H. W., *Heat Pow.; Fl. Mechs.*
Ip, C-U., *Control; Mach. Des.*
Irwin, R. R., *Drawing; Thermo. & Power*
Iversen, H. W., *Fluid Mechanics*
Jacklin, H. M., *Dir. Appl. Mechs.*
Jackson, D. C., Jr., *Mfg. Proc.; Electrical*
Jacobs, J. D., *Heat, Power; Exec. Dir. Div. Research & Develop.*
Jacobs, R. M., *Thermo. & Power*
Jacobsen, L. S., *Mech.*
Jaggard, E. P., *Mech. Dr.*
James, R. E., *Mechanics; Aero.*
Jamison, R. M., *Thermo. & Power*
Jansen, R. J., *Metal.*
Jefferson, T. B., *Thermo. & Power*
Jenkins, D. R., *Thermo. & Power*
Jenkins, R. E.
Jenks, B. L., *Mach. Des.*
Jennings, B. H., *Heat Power; Ind.*
Jennings, N. F., *Thermo. & Power*
Jerger, E. W., *Mech. & Mat.; Thermo. & Power*
Jeske, R. L., *Shop & Mech.*
Jiji, L. M., *Thermo. & Power*
Johns, W. B., Jr., *Eng. Dr.*
Johnson, H. A., *Thermo. & Power*
Johnson, H. E., *Thermo. & Power*
Johnson, J. K.
Johnson, K. R.
Johnson, R. C., *Mech. & Mat.; Mach. Des.*
Johnston, R. M., *Thermo. & Power*
Jones, C. B., *Mfg. Process*
Jones, C. D.
Jones, E. R., Jr., *Thermo. & Power; Aero.*
Jones, J. B., *Thermo. & Power*
Jones, L. E., *General; Hydr.*
Jones, M. M., *Refrig.*
Jordan, J. A.
Jordan, R. C., *Thermo. & Power*
Jovanovic, M. K.
Joyce, A. R.
Juvinall, R. C., *Mach. Des.; Automotive*
Kahl, L. R., *Engr. Econ.*
Kaiser, C. F., *Mfg. Proc.; Ind. E.*
Kattchee, N. N.
Katz, I., *Aeronautics; Thermo. & Power*
Kaufman, M., *Mfg. Proc.; Metallurgy*
Kauppinen, T. S., *Mach. Des.; Mech. & Mats.*
Kauzlarich, J. J., *Thermo.; Heat Power*
Kavanaugh, D., *Heat Pr.; Mech. & Mat.*
Kayan, C. F., *G. E.*
Kays, W. M., *Thermo. & Power*
Kear, E. B., Jr.
Keator, F. W., *Thermo. & Power*
Kececioglu, D. B., *Asst. Dir.*
Keeler, H. E., *Thermo. & Power*
Keenan, J. H., *Heat Power*
Kemien, C. Z., *Aero.*
Kennedy, W. J., Jr., *Steam & Diesel Eng.*
Kenny, L. D.
Kenyon, R. A., *Aero. Engr.*
Kenyon, V. L., *Fluid Mech. & Heat Trans.*
Kepler, H. B.
Kerr, H. B.
Kessler, C. J., *Engr. Gr.*
Ketchum, G. M., *Thermo. & Power; Aero.*
Keyser, C. A., *Metal.; Mech. & Mat.*
Kezios, S. P., *Heat Power; Mech.*
Khammash, T. B., *Nuclear E., Res.*
Kiefer, P. J., *Thermo. & Power; Fluid Mech.*
Kieling, W. C., *Mech. & Mat.*
Kilner, D. D., *Mach. Des.; Mech. & Met.*
Kimbrell, J. T., *Mach. Des.*
Kimel, W. R., *Res. Theor. Mech.*
King, C. D. G., *Thermo. & Power*
King, J. A., *Heat Power; Refrigeration*
King, R. C., *Pow. Plant Des.; Thermo. & Power*
King, W. J., *Thermo. & Power*
Kinney, G. F., *Thermo. & Power; Ch. E.*
Kipp, H. L., *Thermo. & Power*
Kippenhan, C. J., *Physics; Mach. Des.*
Kirkpatrick, E. T.
Kistler, P. N., *Mech. & Mat.; Thermo. & Power*
Kjetsaa, C. E.
Kleinhenz, W. A., *Mach. Des.*
Kline, S. J., *Fluid. Mech. & Thermodynamics*
Klotter, K., *Mech.; Math.*
Knight, R. B., *Aero. & Aero. Engr.*
Koenig, L. R., *Mach. Des.; Engr. Draw.*
Kolb, R. P., *Thermo. & Power*
Kommit, D. L., *Mfg. Proc.; Mach. Des.*
Konecny, A. R., *Manuf. Proc.*
Konzo, S., *Thermo. & Power*
Korges, E., *Heat Power; Electrical*
Korolenko, U. G., *Heat Power*
Kreisle, L. F., *Mach. Design, Mech.*
Kreith, F., *Aero. Engr.*
Kroner, K. E., *Eng. Dr.; E. E.*
Kruger, F. W., *Thermo. & Power*
Kuenzel, H., *Met. E.*
Kummer, K. F.
Kunkel, G. M., *Mach. Des.; Refrigeration*
Kut, W. S., *Thermo. & Power; Aero.*
Kyropoulos, P., *Heat Power; Hydr.*
Labenski, J. J.
Laciny, L. C.
Lackler, J. L., *Mach. Des.; Heat Power*
Laitala, E., *Industrial*
Lake, W. H., *Ind.; Mfg. Proc.*
Landis, F., *Thermo. & Power*
Lapsley, J. T., *Mfg. Proc. Engr. Econ.*
Larkin, W. H.
Larson, C. S., *Mech. & Mat.*
Larson, J. L., Jr., *Appl. Mech.*
Larson, M. B., *Thermo. & Power; Phys., Math.*
Larson, R. F., *Nuclear E.*
Lasater, C. C.
Latvala, E. K., *Mechs. & Mat.; Aeronautics and Aero. Engr.*
Laughlin, H. G., *Mach. Des.*
Lausche, L. F., *Bus. Mang.; Mech. Eng.*
Lawlor, J. J., *Mach. Des.; Mech. & Mat.*
Lawrence, J. H., Jr.
Lawson, E. C., *Thermo. & Power; Mech. & Mat.*
Lay, J. E., *Thermo. & Power*
Lay, W. E., *Automotive*
Lazier, M. J. C., *Engr. Graph.*
Leach, J. L.
Leavitt, E. E., *Thermo. & Power*
Lee, A. O., *Thermo. & Power*
Lee, E. S.
Lee, J. F., *Thermo. & Power*
Lee, S.
Leet, H. W., *Mach. Des.; Drawing*
LeFeuvre, A. R.
Leidy, B. I., *Thermo. & Power; Math.*
Lent, D., *Draw.; Mach. Des.*
Leonard, C. M., *Heat Power; Power Pls.*
Leonard, P. B.
Leppert, G., *Nuclear Engr.*
Lester, J. C., *Thermo. & Power*
Lestz, S. S.
Leutwiler, R. W., *Mach. Des.; Mfg. Proc.*
Levens, A. S., *Drawing; Mach. Des.*

Levy, M. J., *Mach. Des.; Mech. & Mat.*
Lewis, A. D., *Machine Des.; Heat Power*
Lewis, D. W., *Eng. Draw.*
Lewis, E. H., *Mach. Des., Mfg. Proc.*
Lewis, R. E., *E. Dr. & Mach. Des.; I. E.*
Lichtenstein, B., *Physics*
Lichty, L. C., *Thermo. & Power; Autom. Eng.*
Lichty, W. H., *Auto Des., Thermo. Fluid*
Lienhard, J. H., Jr.
Light, K. F.
Lillibridge, A. L., *Drawing; Shop & Mech. Arts*
Lindahl, E. J., *Heat Power*
Lindau, J. W., *Mfg. Proc.; Aero.*
Lindell, W. F., *Thermo. & Power*
Lindenmeyer, R. S., *Mfg. Proc.; Shop & Mech.*
Lindholm, J. C., *Mach. Des.*
Lindner, H. E., *Min. Tech.*
Lindquist, E. G., *I. E.*
Lindquist, R. M. L., *Mach. Des.; Thermo. & Power*
Liston, H., Jr.
Liu, C. K., *Thermo. & Mech. Elasticity*
Liu, Y. K.
Livermore, D. F., *Mach. Des.*
Locke, A. A., *Aero. E.; Mach. Des.*
Lofgren, K. E., *Mach. Des.; Eng. Mech.*
Lofin, Z. L., *Mechanics*
London, A. L., *Heat Power; Mech.*
Lonergan, J. J., *Heat Power*
Long, C. H., *Heat Power & Air Condit.*
Long, R. H., *Mech. & Mat.; Mach. Des.*
Longstaff, J. B., *Thermo. & Power*
Lord, A. M.
Lord, G. R., *Fluid Mech.*
Love, T. J., Jr.
Lowen, W., *Thermo. & Power, Nucl. Eng.*
Loyd, W. H., *Heat Power*
Luce, A. W., *Mach. Des.; Mech. & Mat.*
Ludwickson, J. K., *Thermo., Heat Trans.*
Ludy, L. V.
Luebs, A. A., *Thermo. & Power*
Lugo, L. A.
Luke, E. D., *Thermo. & Power*
Lukens, A. M., *Thermo. & Power; Mach. Des.*
Lund, C. E.
Lundquist, E. C., *Thermo. & Power; Aero.*
Lusk, J. B., *Mach. Des.; Mech. & Mat.*
Lyman, J., *Thermody.; Mat.*
Lynam, W. A., *Ind.; Mfg. Proc.*
Ma, B. M., *Aero. Eng.*
Mable, H. H., *Machine Design; Mech. & Mats.*
Maccarone, M. B.
Macconochie, A. F., *Ordnance; Mgmt.; Mech.*
Macdonald, J. R., *Metallurgy*
Macduff, J. N., *Vibration & Mech. Cont.*
Machen, J. F.
Mack, R. J., *Nuclear Engr.; Metl.*
MacKenzie, J. M., *Mfg. Proc.*
Mackey, C. O., *Heat Power*
MacLean, G. R., *Thermo. & Power; General*
Mac Nary, H. D., *I. E.*
MacNaughton, E., *Heat Pr.; Ind.*
Madsen, D. H., *Thermo. & Power; Math.*
Mahlmeister, J. E., *Thermo. & Power; Ch. E.*
Majde, S., *Auto. Con., Fluid M., Eng. Econ.*
Malmberg, B. O., *Mach. Des.; Aero.*
Maloney, J. D., Jr., *Mach. Des.; Mech. & Mat.*
Manifold, G. O., *Thermo. & Power*
Mann, R. A., *Thermo. & Power; Mechs. & Mat.*
Mannes, R. L., *Thermo. & Power; Aeron.*
Mantell, M. I.
Mantle, J. B., *Mech. & Mat.*
Mara, H. W., *Drawing*
Marboe, R. F., *Asst. Dir. (ORL)*
Marchand, A. J., Jr.
Marco, S. M., *Mach. Des.; Heat Trans.*
Marin, A., *Heat Power*
Mark, M., *Tex. E.*
Marken, M. L., *Shop & Mech. Arts*
Marquis, F. W., *Heat Power; Power Pls.*
Marsh, W. E., *Thermo. & Power; Physics*
Marshall, G. A., *Ind.; Mfg. Proc.*
Marshall, M. K.
Marshall, R. R., *Gen. Eng.*
Marshall, T. G., *I. E.*
Martin, B. W., *Mathematics*
Martin, G. H., *Mach. Des.; Mechs.*
Martin, R. E.
Martin, R. J., *H-P, Refrig.*
Martin, R. L., *Mech. & Mat.*
Martin, W. H., *Thermo. & Power*
Martinez, J. L., *Asst. Dn.; Ht. Pow.*
Martinuzzi, P. F., *Thermo. & Power*
Mason, H. L., *Autom. Control*
Mason, W. E., *Civil; Mach. Des., Arch. E.*
Massard, E. J., *Mach. Des.*
Massey, F. A., Jr.
Matheny, J. D., *Mach. Des.*
Matson, R. M., *Mach. Des.*
Matthes, G. F., *Thermo. & Power*
Matthews, J. B.
Mavor, J. W., Jr., *Fl. Mechs.; Nav. Arch.*
Maxwell, F., *Mat.*
Maxwell, R. L., *Mach. Des.; Mechs.*
May, J. R., *Chemical*
Mayer, J. K., *Heat Power; Mech. & Mat.*
Mayhew, D. J., *Mech. Des.*
McBride, E. J.
McCarty, W. T., *Reactor Des.; Tech. Inst. Ed.*
McClain, C. H., *Creative Eng.*
McClain, R. G.
McClay, C. H., *Systems-Feedback*
McComas, S. T.
McCutchan, J. W., *Draw.; Thermo. & Power*
McDonald, R. N., *Thermo. & Power*
McElhaney, J. H.
McFarland, F. J.
McFeron, D. E., *Mfg. Proc.; Mat.*
McGlothlan, J. A.
McHugh, E., *Thermo. & Power; Gen.*
McHugh, R. J., *Mech. & Mat.*
McIntosh, W. G., *Mach. Des.; Shop & Mech.*
McIntyre, H. J., *Heat Power; Power Pl.*
McKee, O. G., *Thermo. & Power; Aero. E.*
McKie, W. T., Jr., *Mechs. & Mat.*
McLenegan, D. W., *Thermo. & Power; E. E.*
McMinn, B. T., *Ht. Power; Matls.*
McPherson, J. I., *Mech. & Mat.*
McRight, R. B., *Thermo. & Power; E. E.*
Meador, H. T., *Heat, Pow.; Mat.*
Meixner, H. N., *Dir.*
Menig, J. V., *Mach. Des.; Eng. Drw.*
Menkes, S. B.
Menz, P. G.
Meriam, J. L., *Mach. Des.*
Merriam, K. G., *Aeronautics*
Merrick, C. M., *Mfg. Proc.; Industrial*
Merz, C. J., Jr., *Mech. & Mat.*
Messersmith, C. W., *Heat Power*
Michels, W. J., *Thermo. & Power*
Mickus, F.
Middleton, G. W.
Midgette, E. L.
Mikol, E. P., *Thermo. & Power*
Miles, A. J., *Thermo. & Power; Math.*
Miller, E., *Mach. Des., Mech. & Mats.*
Miller, E. W., *Mfg. Proc.; Ind. E.*
Miller, J. T.
Miller, W. H., *Drawing*
Miller, W. R.
Miller, W. T.
Milligan, M. W., *Thermo. & Power*
Mills, C. G., *Tech. Inst.*
Mills, E. E., *Applied Mech.*
Mills, R. W., *Shops; Mfg. Proc.*
Min, T. C., *Thermo. & Power*
Ming, F. W., *Ind.; Draw.*
Minor, O. E., *Draw.; Mach. Des.*
Mischke, C. R., *Mach. Des., Heat Trans.*
Mishtel, T. W.
Mittendorff, E. M., *Dir. Util.*
Mochel, M. G., *Eng. Draw.; Mach. Des.*
Modrey, J., *Mach. Des.; Appl. Mech.*
Moen, W. B., *Thermo. & Power*
Moffat, G. N., *Machine Design; Mat.*
Moltrecht, K. H., *Res.; Consult.*
Moody, A. M. G., *Gen. Comp.; Prod. Devel.*
Moore, A. F., *Aero. Engr.*
Moore, E. R., *Drawing; Mfg. Proc.*
Moore, J. M., *Mfg. Proc. & Ind. Eng.*
Moore, M. B., *Heat Power; Mech. & Mat.*
Moore, W. H., Sr.
Morgan, C., *Thermo. & Power*
Morgan, J. P., *Mech. & Mat.*

Morgan, J. P., *Mat.*
Morley, R. K., *Mfg. Proc.; Met.*
Morrill, B., *Machine Design, Eng. Drwg.*
Morrison, J. B., *Mach.; Mach. Des.*
Morse, F. B., *Thermo. & Power*
Morse, F. T., *Thermo. & Power*
Mortimer, K., *Mach. Des.; Soil Mech.*
Mosberg, W.
Moser, K. J., *Heat Power; Heat Transfer*
Mosher, D. R.
Mueller, W. K.
Mullikin, H. F.
Mummert, H. B., *Heat Power; Draw.*
Munn, H. T., *C. E.*
Munro, G. W., *Heat Power*
Murdaugh, A. C.
Murphy, E. F., *Mach. Des.; Mech. & Mat.*
Murphy, R. W.
Murphy, T. E., *Thermo. & Power; Aero.*
Murphy, W. J.
Murray, W. M., *Mech. & Mat.*
Myatt, D. J., *Mach. Des.; Thermo. & Power*
Myers, P. S., *Electr.; Thermo. & Power*
Mykkanen, D. L., *Met.*
Naismith, D. P.
Nash, C. D., Jr., *Mach. Des.; Math.; Mech.*
Neale, L. C., *Hyd.; Power*
Needy, J. A., *Steam Power; Refrigeration*
Nelson, C. W., *Mech. & Mat.; Mach. Des.*
Nelson, D. W., *Thermo. & Power*
Nelson, L. C., *Dir. of Eng.*
Nemecek, I. V.
Nevin, F. E., *Mfg. & Process.*
Nevins, R. G., *Aero. & Aero. E.*
Newcomb, B. L., *Eng. Draw.*
Newhouse, K. N., *Power; Heat Trans.*
Newman, M. K., *Mach. Des.; M. & M.*
Newton, R. E., *Mach. Des.; Mech. & Mat.*
Nielsen, H. P., *Phy. Met.*
Niemi, E. W., *Thermo. & Power*
Niesse, D. H., *Mach. Des.; Termo.*
Nordquist, W. B., *Thermo. & Power*
Norem, B. H., *Industrial Eng.*
Norgord, J. T., *Fluids & Heat Trans.; Heat Pow.*
Norman, C. A., *Mach. Des.; Thermo. & Power*
Nothmann, G. A., *Kinem.*
Noyes, R. B., *Mach. & Mat.*
Nutt, M. C., *Met.; Ind. E.*
Nye, E. P., *Thermo. & Power; Gen.*
O'Bannon, L. S.
Obert, E. F., *Thermo. & Power*
O'Byrne, J. M., *Thermo. & Power; Aero. E.*
O'Connor, W. F.
Ocvirk, F. W., *Mech. & Mat.*
Oergel, C. T.
Oetting, R. B., *Aero. & Aero. E.*
Offner, D. H., *Mech. & Mat.*
Ojalvo, M. S., *Physics; Thermo. & Power*
Oldenburger, R.
Olsen, R. A., *Thermo. & Power*
Olsen, T. G.
Olson, D. R.
Oliver, R. M., *Mach. Des. & Control.*
Onuf, B. R., *Thermo. & Power; Aero. & Aero. E.*
Oppenheim, A. K., *Thermo. & Power; Ch. E.*
Osborn, H. H., *Thermo & Power*
Osborn, J. R., *E. E.*
Osborne, P. W.
Osterle, J. F., *Thermo. & Power; Math.*
Ostertag, C. W., *Mach. Des.; Refrig.*
Osteyee, L. F., *Thermo. & Power; Hydr.*
Otto, L. L., *Thermo. & Power*
Outwater, J. O., *Mech. & Mat.*
Owen, H. F., *Mfg. Proc.*
Owens, B. W., *I. E., Mfg. Proc.*
Owens, R. G., *Physics*
Paddock, R. G., *Thermo. & Power; Mech. & Mats.*
Page, F. B., *Aeronautics; Thermo. & Power*
Page, R. H.
Palmer, H. K., *Mach. Design*
Palsgrove, G. K., *Hydraulics*
Pankratz, G. E., *Eng. Draw., Mach. Des.*
Panlener, G. F., *Mach. Des.*
Panlillo, F., *Mech. & Mat.; Consult., Mach. Des.*
Papamarcos, John, *Thermo. & Power*
Paquet, V. H.
Paré, E. G., *Eng. Dr. & Desc. Geom.*
Park, W. H., *Mach. Des. & E. Dr.*
Parker, E. M., *Ind. Res.*
Parker, J., *Heat & Power*
Parker, N. A., *Heat Power; Aeronautics*
Parks, W. H., *Draw.*
Parmer, J. F., *Engr. Dwg.*
Pasqua, P. F., *Nucl. E.*
Pattison, Floyd, *Min. Tech., metallury*
Paul, A. N., *Mfg. Proc.*
Paul, R. L., *Mach. Des.; Engr. Drawg.*
Paul, W. H., *Automotive E., Fuels & Lubs.*
Pearce, C. E., *Machine Design; Aeron.*
Pearce, D. C., *Thermod.; Mach. Des.*
Pearson, J. R.
Peebles, J. H., *Thermo. & Power; Mech.*
Pefley, R. K., *Heat Trans.; Fluid-Thermo.*
Pelan, B. J., *Ind. Engr.*
Penney, D. L., *Mach. Des.; Mech. & Mat.*
Pennington, C. W.
Penrod, E. B., *Physics; Thermo. & Power*
Perez, A. A.
Perkins, D. L., *Ind.*
Perkins, R. B., *Mfg. Proc. & Mach. Des.*
Perkins, T. M.
Perquin, N., *Tech. Inst.*
Perry, R. L., *Thermo. & Power*
Peterson, D. A., *Management*
Petrie, G. W., *Mathematics*
Petrie, R. W., *Drawing*
Petry, W. M., *Thermo. & Power*
Pfister, P. C., *Mach. Des.*
Phelan, R. M., *Mach. Des.; Mech. & Mats.*
Phelps, C. W., *Mach. Des.; Thermo. & Power*
Phillips, A., *Mech.*
Phipps, C. M., Jr., *Ind. E.*
Picha, K. G., *Engr.*
Pinger, R. W., *Ind.; Mfg. Proc.; Econ.*
Pinkerton, R. M., *Aero. E.; Physics*
Pizzirusso, J. F.
Planck, I. A., *Heat.; Air Cond.*
Platton, I., *Engr. Drwg.*
Plunkett, R., *Mech.; Mach. Des.*
Polaner, J. L., *Thermo. & Power*
Pollack, H., *Mfg. Proc.*
Popovich, M., *Thermo. & Power; Mech. & Mat.*
Poss, I. M., *Mech.*
Posser, F. H., *Mach. Des.; Mfg. Proc.*
Potter, J. H., *Thermo. & Power*
Potter, P. J., *Thermo. & Power*
Powell, K. A., *Lab. Test Supv.; M. E.*
Powell, R. O., *C. E.*
Powers, L. J., *Mach. Des.; Mech.*
Prageman, I. H., *Machine Design; Indus.*
Predale, J. O., *Thermo. & Power; Mach. Des.*
Price, L. C., *Mach. Des.*
Price, T. W., *Thermo. & Power*
Pringle, O. A., *Math. Des.; Mech. & Mat.*
Prior, J. A., *Mach. Des.; Mech. & Mat.*
Proctor, C. L., *Thermo. & Power, Math.*
Prowell, R. W., *Mach. Des.; Mech. & Mat.*
Puncochar, R. P.
Putnaerglis, R., *E. E.*
Quier, K. E., *Des.; Graphics*
Quinn, B. E., *Mech. & Mat.; Mach. Des.*
Quinn, C. J.
Radzimovsky, E. I., *Mach. Des.; Mech. & Mat.*
Ralph, J. R., *Thermo. & Power*
Ramachandran, A.
Ramsaur, J. C.
Rabins, M. J., *Mech. & Mat.*
Rao, M. V. R., *Mech. & Mat.*
Rasmussen, A. A., *Thermo. & Power; Physics*
Ratcliff, H. B., *Mach. Des.; Mech. & Mat.*
Rausch, K. W., *Thermo. & Power*
Rautenstrauch, R. F., *Aero.*
Raven, F. H., *Mach. Des.*
Raynes, S. H., *Vibrations & Thermo.*
Raynor, S., *Mechs. & Mat.*
Reed, G. A.
Reed, J. C., *Heat Power; Hydr.*
Reed, R. J., *Aero.; Thermo. & Power*
Regenbrecht, D. E., *Mechs.*
Reichl, R. P., *Thermo. & Power*
Reinhart, W. A., *Thermo. & Power; Mech. & Mat.*

Reisman, A.
Reisse, C. W.
Reiten, P. J., *Consult.*
Remington, C. R., *Thermo. & Power*
Renda, R. B.
Renfrew, C. A., *Thermo. & Power; Engr. Draw.*
Rennat, H. O.
Renwick, D. J., *Heat Power; Refrig.*
Renzi, P. N., *Fluid Mech. & Kinematics*
Repetski, J. J.
Repscha, A. H., *Thermo. & Power*
Reswick, J. B., *Mach. Des., Auto Control*
Rettig, G. P., *Heat Power*
Rex, E. M.
Reynolds, E. B.
Rezek, C. W.
Ricardo, L. A., *Instrum.; Thermo. & Power*
Rice, W., *Fl. Dynam.; Heat Trans.*
Rich, L. L.
Richard, C. P., *Mach. Des.; Engr. Gr.*
Richardson, N. A., *Thermo. & Power*
Richmond, W. O.
Richter, J. G., *Hydr.; Thermo. & Power*
Richtmann, W. M., *Thermo. & Power; Pet.*
Rickard, C. L., *Thermo. & Power*
Riddle, K. W., *Machine Design; Shop*
Ritchie, C. A., *Tech. Inst.*
Rivers, G. E., *Mfg. Proc.; Ind. E.*
Robel, S. B., *Thermo., Mech., Heat Trans.*
Roberts, C. P., *Thermo. & Power*
Roberts, D. G., *Thermo. & Power*
Roberts, J. L.
Roberts, W. H., *Thermo. & Power*
Robertson, B. J., *Heat Power; Aero. E.*
Robinson, D. C., *Tech. Inst.*
Robinson, O. L., *Fire Protection*
Robley, A. A.
Rogers, G. L., *Struct.; Mech. & Mat.*
Rogers, W. B., *Draw.*
Rogers, W. L., *Thermo.; Mech.*
Rogers, W. W., *Refrig.; Heat.*
Rogowski, A. R., *Inter. Comb. Engines*
Rohr, W. G., *Mech. & Mat.; Mach. Des.*
Rohrer, W. M., Jr.
Rohsenow, W. M., *Thermo. & Power, Mech. & Mat.*
Rollins, J. P., *Mach. Des.; Math.*
Romer, C. I., Jr., *Combustion*
Roop, F. S., *Thermo. & Power; Mech. & Mat.*
Rose, M. F., *Mech. & Mat.*
Rose, R. L., *Heat Power*
Rossi, B. E., *Mech. & Mat.; Metal.*
Rothbart, H. A., *Mach. Des.; Prod. Proc.*
Rothermel, J. A., *Thermo. & Power; Engr. Econ.*
Rotty, R. M., *Thermo. & Power; Aero.*
Rowe, A. A., *Mfg. Proc.*
Rowen, W. I., *Engr. Dwg.*
Rowley, F. B.
Roy, F. C.
Ruddock, B. J., *Physics*
Rudoy, W.
Rummel, P. K., *Mach. Des.; Ind.*
Rundell, H. A., *Thermo. & Power; Nucl. Phy.*
Ruten, W. H., *Mfg. Proc.*
Ryan, D. G., *Ind.*
Ryan, J. J., *Machine Des.; Mech.*
Ryan, W. F.
Sabag, L. M., *Mach. Des.; Draw.*
Sakaly, J. E., *Mach. Design*
Sakshaug, T. M., *Gen.; Mech. & Mat.*
Sale, C. M.
Salma, E. A., *Asst. Dean; Thermo. & Power*
Sandfort, J. F., *Heat, Air Cond.*
Santaló, M. A., *Heat Power; Heat Transfer*
Sauer, H. J., Jr., *Math.*
Sawhill, C. F., *Gen. E.*
Sayre, M. F., *Cons. Engr.*
Scanlan, J. A., *Thermo. & Power; Nuclear E.*
Schade, H. A., *Naval Arch.*
Schaller, G. S., *Ind.; Mfg. Proc.*
Schleef, D. J., *Heat Power, Thermody., Math.*
Schmerzler, L. J., *Thermo.-Power*
Schmidt, F. W., *Heat Transfer & Thermo.*
Schmidt, H. L., *Mech. & Mat.*
Schmitter, W. P., *Mach. Des.*
Schneider, C. S.
Schneider, M. H.
Schneider, T. A., *Mfg. Proc.; Metal.*
Schneider, W. L.
Schock, E. I., *Engr. Gr.; Kinematics, Naval Arch.*
Schoen, J. E., *Consult.*
Schon, J. F., *Mach. Des.; Mfg. Proc.*
Schroeder, R. W., *Mfg. Proc.; Shop*
Schubert, A. G., *Heat Transfer; Economics*
Schubert, C. E., *Shop & Mech. Arts*
Schultz, R. B., *Engr. Draw.*
Schwalje, J. L., *Thermo. & Power; Mats.*
Schwartz, F. L., *Heat Pr.; Mech. & Mat.*
Scofield, G. L., *Thermo. & Power*
Scorah, R. L., *Thermo. & Power; Shop*
Scott, C., *Thermo. & Power*
Scott, K. E., *Thermo. & Power; Draw.*
Seames, A. E., *Thermo. Mach. Des.; Mach. & Mat.*
Sell, G. R.
Sen, T., *Mach. Des.; Heat Power*
Serovy, G. K., *Thermo. & Power, Mech. & Mat.*
Setchell, J. E., *Heat Power; Draw.*
Seward, H. L., *Heat Power; Marine; Indus.*
Sexton, P. G.
Shaffer, B. W., *Mach. Des., Mfg. Proc.*
Shaffer, R. E.
Shaffer, W. R., *Mach. Des.*
Shames, I. H.
Shapiro, A. H., *Heat Power; Aero.*
Sharp, A. G., *Draw.; Mach. Des.*
Smetana, J. A.
Shaw, M. C., *Machine Tools, Lub.*
Shearer, J. E., *Mach. Des.; Metal*
Shearer, J. L., *Mach. Des.; Control*
Shelton, E. G.
Shen, Chi-Neng, *Mach. Des.; Mech.*
Sherrard, E. A., *Draw.; Mfg. Proc.*
Sherwood, R. S., *Mach. Des.; Thermo. & Power*
Shigley, J. E., *Mach. Des.*
Shoop, C. F., *Heat Power*
Short, B. E., *Heat Trans., Fluid Mech.*
Shouman, A. R., *I. E.*
Showalter, R. E., *Aero.; Mach. Des.*
Shumaker, C. H., *Heat Power; Industrial*
Siegel, M. J., *Mach. Des.; Metal.*
Sieh, W. D., *E. Dr.*
Silha, H. W., *Shop; Thermo. & Power*
Simmang, C. M., *Phys.*
Simon, G. H., *Mach. Des.*
Simonsen, J. M., *Fluid Mech.; Aero.*
Sims, E. M., *Heat Power*
Singer, M. B., *Shop & Mech. Arts*
Skoglund, V. K., *Thermo. & Power*
Skubic, L. G., *Eng. Draw. Mfg. Proc.*
Slaughter, G. M., *Thermodynamics Eng.*
Slaymaker, R. R., *Mach. Des.*
Slegel, L., *Mach. Des.; Heat & Vent.*
Sloane, Alvin, *Mach. Des.; Mech. & Mat.*
Slonneger, R. D., *Thermo. & Power*
Smedley, F. J., *Thermo. & Power; Draw.*
Smith, B. E.
Smith, C. O., *Reactor. Tech.*
Smith, E., *Mach. Des.*
Smith, E. B., *Heat Power; Mech. & Mat.*
Smith, G. B., *Machine Design*
Smith, G. E., *I. E.*
Smith, I. W., *Mach. Des.; Mech. & Mat.*
Smith, J. H., *Mach. Des.; Drawing*
Smith, M. L., *Assoc. Dn.; Thermo. & Power*
Smith, R. C., *Mech. & Mat.*
Smith, R. L., *Mach. Des.; Mach. Hydraulics*
Smith, R. V., *Thermo. & Power; Mach. Des.*
Smith, W. P., *Ind. Mfg. Proc.*
Smith, W. W.
Smithberg, E. H., *Heat & Power*
Smoot, R. L.
Sneck, H. J., *Thermo.-Power*
Sneed, C. M., *Ind.; Thermo. & Power*
Snyder, N. F., *Ind. E.*
Snyder, R. D., *Math.; Mech. & Mat.*
Snyder, W. A.
Snyder, W. E., *Mach. Design; Thermo. & Power*
Snyder, W. T.
Sobala, D., *Mech. & Mat.*
Soderberg, C. R., *Mech.; Edu. Adm.*
Solberg, H. L., *Assoc. Dn.; Thermo. & Power*
Soo, S. L., *Thermody.*

Sorensen, H. A., *Heat Power*
Sorenson, A. E., *Power Pl.*
Spalding, A. R.
Sparks, N. R., *Thermo. & Power*
Sparrow, T. A., *Heat Power; Engr. Drawg.*
Spence, R. S., *Machine Design*
Spencer, D. L.
Sperry, J. L. V., *Engr. Econ.*
Spinney, F. B.
Spitler, E. E., *Math.*
Springer, E. K., *Thermo. & Power*
Spurlock, B. H., *Thermo. & Power; Refrig.*
Stafford, A. B., *Gen. E.*
Stafford, P. M., *I. E.*
Stair, W. K., *Mfg. Proc.; Thermo. & Power*
Stamper, E., *Thermo. & Power*
Stanley, R. L., *Ind.*
Stanley, W. J.
Staph, H. E., *Mach. Des.; Mech. & Mat.*
Starkey, W. L., *Mach. Des.*
Starr, C. J., *Shop; Mfg. Proc.*
Starr, M. O., *Transport.; Mach. Des.*
St. Clair, C. R., *Thermo. & Power*
Stearns, F. A., *Thermo. & Power; Mech. & Mat.*
Steele, M. C.
Stefani, Luis, *Mach. Des.; Heat Power*
Steidel, R. F., Jr., *Thermo. & Power; Mech.*
Steinhauser, A. L., *Mfg. Proc.*
Stene, J. K., *Thermo. & Power*
Stephan, E. R., *Mach. Des.; Mech. & Mat.*
Stephenson, H. P., *Physics*
Stetson, G. A., *Mech. & Mat.; Economics*
Stett, J. D., *Metallurgy*
Stevason, C. C., *Mach. Des. Mfg. Proc.*
Stevens, H. E., *Ind. Eng., Eng. Econ.*
Stevens, W. J., *Draw.; Mfg. Prac.*
Stewart, A. A., *Engr. Gr.*
Stewart, P. B., *Chemical, Thermo. & Power*
Stewart, R. B., *Thermo. & Power*
Stiening, F. H., *Mach. Des.*
Stinson, K. W., *Heat Power; Aero.*
Stoddard, R. J., *Structural*
Stoecker, W. F.
Stoever, H. J., *Thermo. & Power*
Stokey, W. F., *Assoc. P.; Mach. Des.*
Stolworthy, E. H., *Aero.; Thermo. & Power*
Stone, G. P.
Stone, H. L., *Thermo. & Power*
Stotts, O. O., *Thermo. & Power; Mechs.*
Strait, J. M.
Strate, J. T., *Heat Power*
Strauss, H. E., *Thermo. & Power*
Strout, R. P., *Thermo. & Power; English*
Stuart, H. F., *Mfg. Proc.; Ind.*
Sullivan, F. J., *Mach. Des.; Mech. & Mats.*
Sullivan, G. L., *Thermo. & Power; Mech.*
Sunderland, J. E., *Thermo. & Power*
Sung, S. Z., *Thermo. & Power; Math.*
Suppiger, E. W., *Mech. & Mat.*
Sutherland, R. L., *Mech. & Mat.; Mach. Des.*
Svenson, C. L., *Thermo. & Power*
Swanson, C. A.
Sweeney, R. J., *Thermo. & Power; Chemical*
Sweinberg, L. A., *Mach. Des.*
Swigart, O. R., *Thermo. & Power*
Swift, R. E., *Metallurgy*
Szczerbacki, S., *General*
Tait, R. S., *Machine Design; Thermo. & Power*
Tanger, G. E., *Thermo. & Power*
Tate, B. D.
Temple, E. H., *Mfg. Proc.*
Terry, T. A., *Mach. Des.; Mech. & Mat.*
Test, F. L., *Thermo. & Power; Mech. & Mat.*
Thal-Larsen, H., *Automatic Control*
Thayer, J. R.
Thigpen, J. J., *Thermo. & Power*
Thom, G. B., *Heat Power; Ind.*
Thomas, D. H.
Thomas, F. A.
Thomas, J. H., *Heat Power; Elec. & Comm.*
Thomas, J. P.
Thomas, S. S.
Thompson, C. H.
Thompson, J. G. H., *Mach. Des.; Mech.*
Thorson, P. J., *Thermody.; I. E.*
Thorson, P. J., *Indus.*
Threlkeld, J. L., *Thermo. & Power*
Tichvinsky, L. M.
Tinkham, H. C., *Mach. Des.; Fluid Mech.*
Tobey, A. C., *Thermo. & Power*
Tong, K. N., *Mach. & Mat.*
Toong, T., *Aero.*
Toran, N. E., *Mach. Des.*
Touloukian, Y. S., *Physics; Thermo. & Power*
Tracy, S. J., *Thermo. & Power; Mech. & Mat.*
Treat, B. F., *Heat Power; Physics*
Trent, C. E., *Thermo. & Power*
Trent, H. F., *Mfg.; Power; Draw.*
Tribus, M., *Chemical; Thermo. & Power*
Trigger, K. J., *I. E.; Met.; Mfg. Pro.*
Tripp, W., *Heat Power; Aeronautics*
Trotter, R. A., *Machine Design*
Troxler, J. R.
Trumbull, R. G., *Eng. Dr.*
Trummel, J. M., *Pow.; Nuclear Engr.*
Trumpler, P. R., *Mach. Des.; Mechs.*
Tu, P.-S.
Tucker, J. M., *Thermo. & Power*
Tucker, W. T., III
Turkington, D. B., *Thermo. & Power*
Tuthill, A. F., *Gen.; Thermo. & Power*
Tuve, G. L., *Thermo. & Power; G. E.*
Twining, R. B., *Air Cond.; Thermo. & Power*
Uban, M. W.
Uicker, G. B., *Thermo. & Power*
Uicker, J. J., *Power; Personnel*
Uldrick, J. P., *Mach. Des.; Mech. & Mat.*
Ulmer, J. W., *Thermo. & Power; Eng. Dr.*
Ulrich, E., *Mech. Design*
Umholtz, R. C., *Engr. Graphics*
Uyehara, O. A.
Valentine, R. L., *Thermo. & Power*
Van Benschoten, R. P.
Vanderslice, R. L., *Shop & Mechanic Arts*
Van Dyke, J. R., *Thermo. & Power*
Valpey, R. G.
Vannah, S.
Van Vorst, W. D., *Chemical*
Van Wylen, G. J., *Thermo. & Power*
Vaughan, J. A., *G. E.*
Vaughan, L. L., *Heat Power; Power Pls.*
Velazquez, A. M.
Venn, R. E., *Drawing; Mach. Des.*
Ver Planck, D. W., *Electrical; Power*
Vick, A. T.
Vickers, J. M. F., *Thermo.; Combustion; Chem.*
Vidosic, J. P., *Mach. Des.; Mech. & Mat.*
Viggers, R. F., *Mach. Des.; Ht. Pow.*
Villafane, O.
Vincent, E. T., *Internal. Comb. Engines*
Vittucci, R. V., *Thermo. & Power*
Vogt, C. A., *Consult. E.; Mech. Des.*
Vogt, C. C., *Mach. Des.; Mech. & Mat.*
Vogt, C. J.
von Turnovich, B. F., *Mech. & Mat.*
Vopat, W. A., *Heat Power; Power Plants*
Vose, F. H., *Heat Power*
Wagner, C. A., *Heat Power; Power Pl.*
Waibler, P. J., *Thermo. & Power*
Waines, R. T., *Mfg. Proc.; Mach. Design*
Waitkus, J., *Pers.*
Walton, W. W., Jr.
Wark, K., Jr., *Thermo.-Heat Trans.*
Warner, B. W.
Warner, C. F., *Heat Power; Aero.*
Warner, C. H.
Washington, W. H., Jr., *Mach. Des., E. E.*
Waters, E. O., *Mach. Des.; Mech. & Mat.*
Watson, H. D., *Heat Power*
Watt, J. R., *Arch. E.; Eng. Econ.; History*
Weaver, A. S., *Mach. Des.*
Weaver, E. W., Jr., *Thermo.; Heat.*
Weaver, G. C., *Ind. E.*
Weaver, W. H., *Consult. Ind. Engr.*
Webb, H. W., *Plumbing; Heat.; Refrig.*
Weber, A. R., *Heat Power; Aero.*
Weber, H. S., *Mach. Des.; Mech. & Mat.*
Webster, F. N., *Thermo. & Power*
Webster, K. S.
Weems, W. R., *Mfg. Proc.*
Wehe, R. L., *Mach. Des.; Auto. Control*
Weibel, E. E., *Mechanics*
Weidmann, G. P., *Eng. Graph.*
Weil, R. E., *E. E.*

Weiland, W. F., *Heat Power; Thermo. Power*
Weinberg, E. B., *Thermo.; Heat Power*
Weindling, J. I., *Mfg. Proc.; Ind.*
Weinstein, J. H., *Thermo. & Power*
Weishampel, J. A., *Mech. & Mat.; Mach. Des.*
Weiss, J. R., *E. E.*
Weiter, E. J., *Automat. Control; Power*
Welch, H. E., *Practical Science*
Wellman, E. J., *Thermo. & Power; Mech. & Mat.*
Wennagel, N. G., *Thermo. & Power; Eng. Gr.*
Wernecke, R. B., *I. E.*
Werner, J. M., *Thermo. & Power*
Weschler, M. E.
Wessler, M. A., *Thermo. & Power*
Westbrock, A. J., *Chem. Engr.*
Wetterstrom, E., *Mech.*
Whisenand, J. L.
White, K. H., *Mfg. Proc.; Ind. Eng.*
Whitfield, J. K., *Mach. Des.; Mech.*
Whittington, H. K., *Thermo. & Power*
Widdop, R., *Industrial*
Wiebelt, J. A., *Thermo.; Intern. Comb. Engines*
Wierzbicki, L. J., *Mfg. Proc.; E. Gr.*
Wiggins, P. F., *Shop & Mech. Arts*
Wight, C. L., Jr., *Hydr.; Mech. & Mat.*
Wilbur, L. C., *Thermo. & Power; Met.*
Wilbur, R. S., *Heat Power*
Wilder, J. H.
Williams, E. R., *Thermody.; Heat-Power*
Williams, H. B., *Agric.*
Williams, M. R., *Mach. Des.; Mech. & Mat.*
Williams, R. J., *I. E.*
Willis, P. A., *General; Heat Power*
Willson, W. H., *Refr.; Air Cond.*
Wilson, C. E., Jr.
Wilson, C. C., *Mech. & Mat.*
Wilson, E. R., *Machine Design; Graph.*
Wilson, G. C., *Thermo. & Power*
Wilson, L. A., *Heat Power; Refrigeration*
Winston, S. E., *Dn. Emer.*
Wiren, R. C., *Thermo. & Power*
Wischmeyer, C., *Thermo. Power*
Wise, W. R., Jr., *Mechs. & Mat.*
Wislicenus, G. F., *Aero.; Turbo. Machny.*
Witte, A. B.
Wittig, F. E., *Heat; Thermo.; Mech. & Mat.*
Witting, C. O. G.
Witzell, O. W., *Thermo. & Power*
Wockenfuss, W. A., *Shop & Mech. Arts.*
Wolfe, J. L.
Womochel, H. L.
Wood, J. F. D.
Woodruff, O. J., Jr., *Heat Power; Physics*
Woodsome, F. O.
Woodward, E. C., *Chem. E.*
Woolf, J. R., *Dn.; Thermo. & Power*
Woolrich, W. R., *Consult. Dn.; Ind. E.*
Wortman, M. S., *Human. Soc. Stud.*
Wright, D. K., *Mech. & Mat.; Mach. Des*
Wright, H. E., *Thermo. & Power*
Wright, H. M., *Heat Power; Power Pls.*
Wright, J. G., *Gen. E.*
Wright, R. L.
Wright, T. A., *Mach. Des.*
Wu, C. Y., *Math.*
Wyman, H. J., *Steam, Air & Refrig.*
Yamauchi, Y. W., *Thermo. & Power*
Yang, Y. C., *Thermo. & Power; Mechs.*
Yates, C. C., *Thermo. & Power; Aero.*
Yeh, H.
Yorra, A. J.
Young, A. P., *Mach. Des.; Welding*
Young, C. H., *Machine Design; Eng. Dr.*
Young, R. H., *Thermo. & Power*
Young, R. L., *Thermo. & Power*
Younger, J. E., *Aeronautics; Mech.*
Zerban, A. H., *Dn.; Thermo. & Power*
Zimmerman, F. J., *Physics*
Zimmerman, R. H., *Thermody.; Power*
Zmola, P. C., *Mech. & Mat.; Physics*
Zoss, L. M., *E. E.*
Zucker, R. D., *Thermo. & Power; Aero. Dynam.*
Zucrow, M. J.
Zumwalt, G. W., *Aero. & Aero. E.*
Zwiep, D. N., *Des.; Aero. Mech.*
Zylstra, L. B., *Mfg. Proc.*

MECHANICS AND MATERIALS

Abramson, H. N., *Aero.*
Adams, R. G., *Mat. Stren.; Math.*
Adamson, R. W., *Met.*
Albright, C. D., *M. E.*
Alejandrino, A. A., *Eng. Mech.*
Amos, H. C., *Engineering Graphics*
Anderson, D. E., *Eng. Mat.*
Anderson, R. L.
Arges, K. P., *C. E.*
Arkilic, G. M., *Eng. Mech.*
Assini, L. T., *Civil*
Au, T., *C. E.*
Badger, I. P., *Struc.*
Bahar, L. Y., *M. E.*
Bailey, C. D., *Aero. E.*
Barber, W. J., *Mach. Des.*
Bauling, F. G., *Math.*
Beane, J. A., *Drawing; Math.*
Beckett, R. E.
Beer, F. P.
Bemis, A. C.
Berry, F. R., *Mechanical*
Best, C. L.
Best, C. R.
Beyer, F. R., *Structures*
Bianchini, A. C., *T. & A. M.*
Biberstein, F. A., *Civil E.*
Bischoff, F. B., *Mach. Des.*
Blackman, J. S., *Drawing; Mat.*
Blatherwick, A. A., *Mathematics*
Bleckman, G. L., *M. E.*
Bliss, Z. R., *Economics; Machine Design*
Bodner, S. R., *Aero. Engr.*
Bonanno, F. R., *Materials; Math.*
Boomsliter, G. P., *Materials*
Booth, A. A. K., *Civil; Economics*
Boresi, A. P., *Elec.*
Bottaccini, M. R., *Hydr.*
Bowman, C. E., *M. E.*
Boyd, H. S.
Boyle, T. A.
Bradley, W. A., *C. E.; Struc.*
Bragg, F. C., *Drawing*
Breneman, J. W., *Civil Eng.*
Brenkert, K., Jr., *Hydraulics*
Bresler, B.
Breuer, D. W., *Aero. & Aero. E.*
Brinson, H. F., *C. E.*
Brock, J. E., *Mechanical*
Broughton, D. C., *Mech. E.*
Brown, F. L., *Struc.*
Browning, S. C., *M. E.*
Brush, D. O., *Missile Struct. Res.*
Bruzewski, R. F., *Gen. Engr.*
Bryans, A. E., *Surveying*
Bryans, W. R., *Gen. E.*
Bryson, W. C., *G. E.*
Buchbinder, H. G., *Tech. English*
Bullard, J. A., *Mathematics*
Burdick, G. F., *Arch.; Graph.*
Burgess, J. C., *Mechanical*
Burrell, F. S.
Byars, E. F., *Mat.*
Carver, D. R., *Mathematics*
Cather, C. H., *Mechanical; Mach. Design*
Caudle, R. D., *Aero. Engr.*
Cehrs, C. H., *Hydr.*
Cermak, J. E., *Civil*
Chamberlin, S. J., *Civil*
Chenea, P. F., *Mat.; Physics*
Chiarulli, P.
Chovanes, E., *M. E.*
Christensen, H. D., *Aerodynamics*
Clark, E. C., *Structural*
Clark, L. W., *Struc.; Civil*
Clark, M. E., *C. E.; Hydr.*
Clayton, M. H., *Math.*
Clement, W. D., *Engineering Drawing*
Clock, L. S., *Strength of Mat.; Stress Anal.*
Clouser, W. S.
Cobb, A. C., *T. & A. M.*
Colbert, J. P., *Civil, structural*
Collins, W. L., *Civil, structural*
Conner, N. W., *Mechanical; Aeronautics*
Cook, D. I., *Mach. Des.*

Cooper, R. M., *Aero. E. & Math.*
Corten, H. T., *Mats.; Metal.*
Cory, W. L., *Mech.*
Coventry, N. M., *Civil*
Cranch, E. T.
Crandall, S. H., *Mathematics*
Crary, James F., *Appl. Mech.; General*
Creech, T. F., *M. E.*
Croeni, J. G., *M. E.*
Crossley, F. R. E., *Mach. Des.*
Cutshall, C. S.
Daniels, W. T., *Struc.*
Davids, N.
Davidson, R. F., *Struc.*
Davis, A. W., *Mathematics*
Davis, B. G., *Mech. Tech.*
Dean, T. S., *Arch.*
Deaver, F. K., *Thermo.*
De Baufre, W. L., *Draw.*
Deemer, K. C., *Civil*
de Neufville, A., *Civil*
Deptula, A. R., *Civil*
De Spain, W. J.
Dietz. A. G. H., *Bldg. Eng.*
Dimoff, T.
Dini, A. E., *Eng. Draw.*
Dodge, R. A., *C. E.*
Dolan, T. J., *App. Mech.; Educ.*
Donahey, M. H., *Drawing*
Downey, G. L., *Mechanical; Mach. Des.*
Downing, D. G., *Engineering Drawing*
Doyle, R. E., *Mechanical*
Draffin, J. O., *C. E.*
Drucker, D. C.
Duff, C. M., *Civil*
Dunholter, R., *Mathematics*
Dunlap, E. W., *Tool Eng. & Mach. Tools*
Durden, J. C., *Engineering Drawing*
Eddy, E. H., *Strength Mat.; Math.*
Edgar, R. F., *Civil; Drawing*
Edson. C. G., *Hyd.; Aero.*
Edwards, W. F., *Min. Tech.*
Ehlers, L. E.: *Arch. Engr.*
Ekstrom, R. E., *Math.*
Elsesser, T. M., *M. E.*
Ensign, N. E., *Mathematics*
Evans, T. H., *Civil; structural*
Everett, F. L., *Mach. Des.; Physics*
Fairman, Seibert
Farquharson, F. B., *Civil*
Fay. D. P., *Hydraulics*
Fedell, R. L., *Engr. Mat.*
Felger, R. P., Jr., *M.E.*
Ferrante, W. R., *Mechs.*
Finch, R. B., *Asst. Dir. Res.*
Findley, W. N., *Mechanical*
Findley, W. N., *M. E.*
Fitzpatrick, J. L. G., *G. E.*
Flanders, R. L., *Civil*
Fleming, W. J., Jr., *Thermo. & Heat Trans.*
Flipse, J. E.
Fluck, P. G., *Mechs.*
Fober, F. C., *Ind. Training*
Folch, P. A., *Engr. Dwg.*
Folk, S. B., *Struc.*
Fox, E. A., *Mathematics*
Foxwell, W. H., *Mach. Des.*
Franzel, E. J., *Mechanical*
Fraser, H. R., *Fluid Mech. Hydr.*
Fraser, H. R., *Mechs.*
Frocht, M. M., *Machine Des.; Math.*
Fuller, C. E.
Fuller, G. M.
Gallant. R. A., *M. E.*
Garibotti, J. F., *Engr. Mechs.*
Geldmacher, R. C., *Electrical*
Germano, F. J., *Eng. Mechs.; Hydr.; Soil Mechs.*
Gidzinski, J. D.
Gilbrech, D. A., *M. E.*
Gilkey, H. J., *Civil*
Girvin, H. F., *Mechanical*
Goodier, J. N., *Mathematics*
Goodstein, R., *Aero. & Aero. Eng.*
Graebel, W. P., *Math.*
Graff, W. J., Jr., *Mach. Des.*
Graham, P. F., *Struc.*
Green, R. E., *Struc. Mech.*
Griffis, L., *Civil*
Griffith, J. E., *Phys.*
Griswold, A. H., *Hydr. C. E. & Mech.*
Guerdan, G. A., *Appl. Kinem.; Dynamics*
Guernsey, R., *Civil; Hydr.*
Gunder, D. F., *E. Mech.; Math.*
Hagerty, W. W., *Mach. Des.; Fluid Mechs.*
Haight, H. W.
Hall, S. R., *Engr. Drawg.*
Haneman, V. S., Jr., *Aero. E.*
Hansen, P. G., *Struc.*
Hanson, L. O., *Appl. Mech.; Stress Anal.*
Hardee, J. E., *Civil*
Hardenbergh, D. E., *Physics*
Harloff, R. E., *M. E.*
Harp, J. F.
Harris, C. O.
Harris, E. H., *G. E.*
Hartenberg, R. S., *Math.; Aeronautics*
Hartz, B. J., *C. E.*
Hassiacher, G. J., *Electrical*
Hausrath, A. H., *Math.*
Hawkins, R. D., *General*
Heagler, R. B., *C. E.*
Heath, C. O., *Mech.*
Heitzman, E. J.
Hendrickson, J. R., *Civil E.*
Herr, L. A., *Civil; Struct.*
Herrick, C. A., *Mechanical; Mathematics*
Herrick, T. J., *Mechanical*
Herzberg, R. J., *Math.*
Hetényi, M., *Materials*
Higdon, A., *Mathematics*
Higgerson, C. A.
Higgins, F. V., *Civil*
Hill, C. C.
Holdredge, E. C., *Heat Power; Power Pls.*
Holme, J. M., *Mathematics*
Holmes, C. W., *Mech.*
Howe, J. W., *Hydraulics*
Hrubecky, H. F., *Thermo. & Power*
Huang, T. C., *M. E., Aero. & Aero. E.*
Hubbard, P. G., *Instrum. Manuf.*
Hundley, R. E., *Mathematics*
Huth, J. H., *Mathematics*
Ilio, D. I.
Jacobs, R. K., *Mech., Civil Eng.*
James, R. V., *Mat. & Struc.*
Jeffrey, J. O., *Mat.; Met.*
Jensen, A., *Arch. Eng.*
Johns, W. B., *Eng. Draw.*
Johnson, J. H., *Mach. Des.; Mech. & Mat.*
Jones, P. G., *Electrical*
Jones, R. W., *Mathematics*
Jordan, W. D., *Struc.*
Kamm, A. J., *Civil; Gr.*
Kaufman, R.
Kauppinen, T. S., *Gr.*
Kazi, A. M., *Math.*
Keister, P. H., *Aero.*
Keller, D. R., *Civil*
Kelly, J. W., *Struc.*
Kersten, L., *Engr. Mechs.*
Kesler, C. E., *Struc.*
Khammash, T. B.
Kiefer, P. J., *Thermo. & Power*
Kinslow, R., *Engr. Gr.*
Kipp, J. E., *Mech.; Thermo. & Power*
Kirby, L. R., *Civil; Structs.*
Kirmser, P. G., *Mathematics*
Kishibay, C. O., *Mechanical; Civil*
Kleinschmidt, R. B., *I. E., Structural*
Knutsen, H. W., *Mathematics*
Koerber, G. G., *Phys.*
Kommers, J. B., *Mechanical; Mach. Des.*
Kosner, E. F., *Tool*
Krashes, D.
Kummer, K. F., *Mech. E.*
Kurajian, G. M., *M. E.*
Kushner, J. B., *Min. Tech.*
Lansford, W. M., *Civil, hydraulics*
Lawlor, J. J., *Mach. Des.*
Lazan, B. J., *Mech. & Mat.*
Lee, G. H., *Mathematics*
Leighton, J. R., *Strength of Mat.*
Leissa, A. W., *Math.*
Lenzen, K. H., *Applied Mech.*

Leutzinger, R. L.
Liddicoat, R. T
Linderoth, L. S., Jr., *Res. Engr.; Mach. Des.*
Lissner, H. R.
Little, N., *Mathematics*
Little, R. W., *Mech.; Math.*
Lnenicka, W. J., *Civil*
Loweke, G. P., *Civil; Hyd.*
Lurie, H., *Phys.*
Mack, D. J., *Mining*
Mack, L. R., *Math.*
MacKay, S., *Metallurgy*
Macklin, H. A., *G. E., M. E.*
Mains, R. M., *Struct.*
Majors, H., Jr., *Hd. M. E.*
Manderfield, N. H., *Min Dress*
Mann, L. R., *Transport; Civil*
Mann, R. A.
Manning, T. A., Jr.
Marco, H. F., *Struc.; Survey.*
Marcus, J. S., *Hydr.*
Marin, J., *Aero. E.*
Marmo, E. J., *Mech. & Mat.*
Mass, M. L., *Structural*
Matar, J. E., *Eng. Mech.; Soil Mech.*
Mathers, L. J., Jr., *C. E.*
Mathews, A., *Civil; Structural*
Mayrose, H. E., *Mechanical*
McClure, J. D.
McCormick, F. J., *Aeronautics*
McDonald, P. H., *Mach. Des.*
McLaurin, B., *Mechanical*
McLean, W. G., *Mathematics*
McNabb, J. W., *C. E.*
Meier, E. B., *Graphics*
Melton, J. O., *Machine Design*
Merlam, J. L.
Merwin, J. E.
Miklowitz, J., *M. E.*
Miller, F. E., *Mathematics*
Miller, J. P., Jr., *Civil*
Miller, W. H., *Mech.; Mach. Des.*
Mills, B. D., *Mach. Des.*
Mills, R. E., *Civil; Trans.*
Mitchell, W. I., *Mechanical; Civil*
Mittet, H. P., *Civil*
Mobley, M. D.
Moehlman, J. H., *E. Dr.*
Moenkhaus, A. E., *Engr. Gr.*
Moorman, R. W., *Hydraul.; C. E.*
Morris, C., *Engr. Mech.*
Morris, T. M., *Metallurgy*
Morrow, H. W., *Math.; Physics*
Muhlbauer, K. C., *Consult.*
Muhlhausen, E. K., *Graphics*
Muhlenbruch, C. W., *Construction*
Munger, H. H., *Soil Mech. Hydr.*
Murdock, J. W., *C. E.*
Murphy, G., *Civil; Struc.; Aero. E.*
Murphy, W. G., *Civil*
Murphy, W. J., *Res.*
Murray, R. I., *M. E.*
Murray, W. M., *Mechanical*
Muvdi, B. B., *M. E.*
Naghdi, P. M., *E. Mech.*
Nash, W. A., *Aero. Eng.*
Neff, T. O., *Eng., Mech.*
Nelson, C. W., *Mach. Des.*
Newton, R. E., *Thermo. & Power*
Noel, R. L., *Engr. Gr.*
Norris, D. M., Jr., *Engr. Gr.*
Nothmann, G. A., *Mach. Des.*
Nowack, R. F., *Eng. Mech.*
Oellerich, B. B., *M. E.*
Oesterling, L. K., *C. E.*
Ohisen, E. H., *Structural*
Olmsted, C. T.
Olsen, G. A., *Machine Design*
Ormondroyd, J., *Mechanical*
Ornstein, W., *Mathematics*
Orr, W. L., *Structural*
Osborn, J. C., *Struc.*
Osgood, W. R.
O'Shaughnessy, L., *Applied Mechs.; General*
Ott, P. W., *Mech.; Aero.*
Painter, R. J., *Secy., ASTM*
Palmer, A. I., *Civil*
Papworth, R. L.
Pardoe, P. P., *Math.*
Paul, C. E., *General Eng.*
Peach, M. O., *Physics*
Perkins, H. C., *Hydraulics*
Perry, C. C.
Petersen, J. S., *Fl. Mechs.; Hydr.*
Peterson, A. C., *Sanitary*
Peterson, P. W., *Mechs.; Aero. Engr.*
Phillips, A., *Civil; Struc.*
Pickett, G., *Elec.*
Pierce, D. N., *Engr. Draw.*
Plants, H. M. L.
Plass, H. J., *Mathematics*
Pletta, D. H., *Civil; Structural*
Plumtree, W. G., *Civil*
Pohle, F. V., *Res. & Teach.*
Popov, E. P., *Struc.*
Powell, R. W., *Hydr.*
Powers, N. R.
Pratt, C. J., *Physics*
Price, J. T., *C. E.*
Priester, G. C., *Mathematics*
Ramberg, E. G., *Civil, Hydr.; Struc.*
Ranov, T., *Graphics; Mach. Des.*
Ratterree, W. B., *Chem. Engr.*
Raven, F. H., *Mach. Des.*
Raville, M. E.
Reardon, L. J.
Reed, F. E., *Mach. Des.*
Reinhart, W. A., *Appl. Mech.*
Reitmeyer, W. L.
Rice, R. B., *Thermodynamics; Ht. Pow.; Diesel*
Richards, C. W., *Struc.*
Riedel, J. K., *M. E.*
Roark, R J., *Aeronautics; C. E.*
Rose, K. E.
Rose, M. F., *Math.*
Rosenthal, D., *Mechanical; Struc.*
Ruley, B. T., *Appl. Mech. & M.E.*
Rumble, C. A.
Rust, H. O., *Indus.; Manuf. Proc.*
Rymers, P. C., *Math.*
Saemann, J. C., Jr., *C. E. & Mechs. & Mats.*
Samuels, J. C., *E. E.*
Sanders, W. B., *Chemical*
Sawyer, W. L., *Civil*
Sayre, M. F., *Mechanical*
Schaefer, R. A., *Electrical*
Schmidt, R., *C. E.; Mechs. and Mat.*
Schneider, G. R., *C. E.*
Schoenberger, R. L., *Mach. Des.*
Schoeppel, R. J.
Scholer, C. H., *Civil; Mech. & Mat.*
Schoonover, R. H., *Structural; Math.*
Schrader, H. J., *Mechanical*
Schubmehl, R. J.
Seely, F. B., *Mech.; Civil, hydraulics*
Selig, E. T., *C. E.*
Shaffer, W. R., *Mach. Des.*
Sharma, N. K.
Sharp, A. G., *Appl. Mech.; Mat. Test.*
Shenton, J. E., *Tech. Inst.*
Sherrer, R. E., *Math., M. E.*
Shobe, L. R., *Mathematics; Civil*
Shupe, J. W., *C. E.; Transp.*
Sidebottom, O. M., *Mathematics*
Singer, F. L., *Civil*
Singleton, L. W., *Appl. Mech.*
Smith, C. O., *Reactor Tech.*
Smith, D. H., *Engr. Gr.*
Smith, F. H., *Graphics*
Smith, E., *Physics*
Smith, G. M., *Materials*
Smith, G. W., *Civil*
Smith, J. O., *Theoretical & Appl. Mech.*
Snowden, J. R., *Civil*
Sofianopoulos, A. J.
Sparks, B. C., *M. E.*
Spencer, H. H., *Mech.; Civil*
Standifer, L. R.
Stanek, F. J., *Math.*
Steele, M. C., *Math.*
Stellrecht, D. H., *M. E.; Mach. Des.*
Steyer, C. C., *Mech. Eng.*
Stiles, W. B., *Mathematics*
Stitz, E. O., *Machine Design*

Stockel, I. H., *Thermo. & Power*
Stoneking, C. E., *C. E.; Struct.*
Sturm, R. G., *Gen.; Materials*
Sullivan, F. J., *Mach. Des.*
Swedlow, J. L., *M. E.*
Tao, L. N., *M. E.*
Tauxe, G. J., *Civil; Mech. & Mat.*
Taylor, A. C., Jr., *M. E.*
Taylor, A. D., *Civil; Structural*
Taylor, C. E., *T. A. M.*
Taylor, D. C., *For. Lang.; Mech. & Mat.*
Thompson, L. P., *Dn.; M. E.*
Throop, J. F.
Timoshenko, S. P., *Structural*
Tong, K. N.
Trabant, E. A., *Mech.*
Trammell, G. J., *Eng. Mech.*
Trathen, R. H., *Structural*
Tucker, L., *Engr. Mechs.; Geol.*
Uhrig, R. E., *Nucl. Engr.*
Underwood, R. H., *Aero. E.*
Ungar, E. E., *Vibr.; M. E.*
Uniechowski, S. R., *Naval Arch.; Math.*
Ustrud, H. O., *Structural*
Valey, V. A., *Aeronautics*
Van Vleet, J. G., *Mechanical*
Vanzant, H. C., *C. E.*
Veltrop, J. A.
Vennard, J. K., *Fluid Mech.; Hydr.*
Vierck, R. K., *Mechanical*
Von Kaenel, J. C., *Mach. Des.*
Wah, T., *Struct.*
Waling, J. L., *Civil; Struc.*
Walters, H. R., *Draw.; Mach.*
Ward, S., *Civil*
Washa, G. W., *C. E.*
Wayland, J. H., *Math.*
Weaver, G. W., *Ind. E.*
Wendt, K. F., *Civil*
West, C. T., *Res.*
Wetterstrom, E., *Mechanical*
Weysser, J. G. L., *Mining*
Wilson, W. E.
Wiseman, E. R., *General*
Wiseman, H. A. B., *Metallurgy*
Wolford, J. C., *Engr. Drawg.*
Wood, E. H.
Woodruff, O. J., *Mechanical*
Work, C. E., *Struc.*
Worley, W. J., *Thermo. & Power*
Worrell, D. T., *Electronics*
Wray, R. C., *Civil; Struc.*
Wu, K. C.
Yager, W. C., *Astronomy*
Yagle, R. A., *Fluid Mech.*
Yantis, C. W.
Young, D. F., *T. & A. M.*
Young, D., *Dn.*
Young, L. E., *Engr. Graphics*
Young, W. C., *Mech. & Mat.*
Zahn, J. J., *Math.*
Zanoni, A. E.
Zielinski, P. B., *Hydr.*
Zimmerman, S. W., *Thermo. & Power*
Zizicas, G. A., *Mech.; Math.*
Zmola, P. C., *Mechanical*
Zobel, E. C., *Aeronautical*

MINERAL TECHNOLOGY

Afflerbach, H. R., *Met.*
Agthe, F. T., *Consultg. Engr.*
Allen, F. E., *Supr. Educ. Serv.*
Allen, V. T., *Geophysics*
Amstutz, G. C., *Geol.*
Anderson, J. H., *Metal.; Mech. E.-Mfg. Proc.*
Anderson, P. H., *Physical Met.*
Anselmini, L., *Mfg. Proc.; Metal.*
Armstrong, G. K., *Pet. Refining*
Austin, W. W., *Chemistry*
Bannon, R. E.
Beeson, C. M., *Pet.; Chemical*
Beeston, J. M., *Met.*
Benischek, H. W., *Pet.*
Berger, J. A., *Met.*
Bergh, D. A., *Metal.; Foundry*
Blum, V. J., *Geophysics*
Bohl, R. W., *Metal; Chemical*
Boore, W. F., *Metal, Ind. E.*
Bornemann, A., *Metal.; G. E.*
Botset, H. G., *Pet. & Nat. Gas; Chem.*
Bourgault, R. F., *Met.; M. E.*
Boyd, G. W., *Aeronautics; Met.*
Brill, K. G., *Geol.*
Brien, F. B., *Ch. E.*
Bucky, P. B., *Mining; Geol.; Metal.*
Burr, A. A., *Phys.*
Butts, A., *Metallurgy*
Calhoun, J. C., *Pet.; Chemical*
Childs, W. J., *Metallurgy*
Chilingar, G. V., *Petrol.; Fl. Mechs.; Geology*
Chipman, J., *Metallurgy; Chem.*
Christiansen, C. R.
Clark, G. B., *Mining; Math.*
Clark, L. D., *Min. & Met. E.*
Conard, G. P., *Met.*
Convers, F. L., *Pet.*
Coonan, F. L., *Metallurgy; Chemistry*
Cooper, M. D., *Mining*
Corlett, A. V., *Mine Design & Valuation*
Corrigan, G. L., *Pet. & Geol.*
Cover, G. M., *Metallurgy*
Craft, B. C., *Petroleum; Geol.*
Crouse, C. S., *Metal.; Mining*
Cudworth, J. R., *Dn.; Min. Engr.*
Culbertson, W. W., *Metallurgy*
Cunningham, J. B., *Mining; Metallurgy*
Daniels, Joseph, *Mining; Metallurgy*
Davidson, H. O., *Mining*
Davis, C. M., *Chem. E.*
Dawson, J. K., *Weld. Engr.*
Dines, E. A., *Mining Eng.*
Doll, A. W., *Mech. & Mat.*
Dreier, T., *Mgr.; Met.; E. E.*
Drevdahl, E. R., *Mining, Geol.*
Ducker, W. L., *Mach. Des.; Pet.*
Duncan, D. S., *Mathematics*
Duran, S. A., *Met.; Phy.*
Eadie, G. R., *Min. Eng.*
Eaton, P. B., *Metal Proces.*
Eckel, E. J., *Mech. and Mat.*
Eckel, J. F., *Min. Tech., Met.*
Eisenberg, R. F., *Met.; Mech. & Mat.*
Eppelsheimer, D. S., *Met.; Physics*
Fairbanks, H. V., *Metallurgy*
Faunce, S. F., *Pet.*
Fenske, M. R.
Ferrante, W. R., *Math.*
Fitterer, G. R., *Metallurgy*
Floe, C. F., *Metallurgy*
Fontana, M. G., *Metallurgy; Mat.*
Forrester, J. D.
Foreyth, A. C., *Met.; Mech. & Met.*
Frad, W. A., *Phys. Met.; Ceramic E.*
Frank, A. J., *Geophysics; Min.*
Freeman, R. L., *Mfg.*
Frush, C. O., *Chem.*
Fulton, P. F.
Gallagher, R. T., *Mining; Geophysics*
Gaudin, A. M., *Met.*
Gensamer, M., *Met.; Consult.; Comm.*
Gibbons, H. P., *Mech & Mat.*
Govier, J. P., *Math.*
Gray, M. P., *Metal.*
Grosvenor, A. W., *Metallurgy; Mfg. Proc.*
Gudebski, H. C., *Metallurgy; Chemical*
Guerrero, E. T.
Gulbransen, L. B., *Met.*
Guy, A. G., *Mech. & Mat.*
Harms, W. O., *Chem. E.; Met.*
Haun, J. D., *Geology*
Heine, R. W., *Metal.*
Heinrich, R. R., *Geophysics; Hydr.*
Higgerson, C. A., *Met.*
Hill, J. A., *Asst. V. P.; Met.*
Hirthe, W. M., *Met., Thermo. & Heat Trans.*
Hoffman, P. O.
Holland, C. T., *Min.*
Horak, G. C., *Min. & Met.*
Jacobs, R. K.
Jerabek, H. S., *Metal*
Jones, R. R., *Met.*
Kaufman, M., *Min. Tech.; Met.*

Kemp, C. E.
Kirkpatrick, C. V., *Pet.*
Korda, E. J., *Met. Eng.*
Koth, A. W., *Metallurgy*
Kraus, W. A., *Pet. Eng.*
Kuhn, T. H., *Dn. Fac.; Geol.; Min.*
Lambe, E. P., *Power*
Lamont, N., *Pet.*
Lazan, B. J., *Metallurgy; Mech & Mat.*
Lazer, N. M., *Metal.; Chemistry*
Le Marie, G. W., *Pet. Min.*
Lenel, F. V., *Metallurgy; Chem.*
Leroy, L. W., *Geology*
Lewis, J. F., *Mining; Petr. & Nat. Gas*
Lewis, J. R., *Metallurgy*
Lewis, R. S., *Mining; Mineral Dressing*
Lindley, R. W., *Mfg. Proc.*
Lissner, H. R., *Aeronautics*
Lloyd, R. H., *Chem. Engr.*
Lowe, J. L., *Metallurgy*
Lowman, S. W., *Geol., Pet.*
Ludewig, J. W., *Metallurgy*
Lynch, S. A., *Geophysics*
Mack, D. J., *Metallurgy*
Manderfield, N. H., *Metal.; Chemical*
Marsden, S. S., Jr., *Chemistry*
Masson, D. L., *Mining; Tech. Inst.*
Mathewson, C. H., *Phys. Met.; Chem.*
Maynor, H. W., Jr., *Met.*
McCauley, R. B., *Met.; Weld. Eng.*
McGeady, L. J., *Met.; Res. & Consult.*
McGlashan, D. W., *Min. Dressing; Met.*
McGrady, D. D., *Metallurgy; Chem. E.*
McHugh, A. E., *Met.*
Mehl, R F., *Metallurgy*
Meyerhoff, H. A., *Ex. Dir.*
Miller, E. L., *Mining; Geol.*
Milligan, W. E., *Metallurgy; Chemistry*
Mooney, C. V., *Pet. & Nat. Gas*
Morgan, J. P.
Morgan, R. A., *Geol.; Survey*
Morral, F. R., *Met. & Mat.*
Mueller, E. E., *Ceramic Engr.*
Munger, H. P., *Ch. E.; Met. Res.*
Nelson, R. R.
Nielsen, J. P., *Physics*
Osterhof, G. G., *Physical Chem.; Gen. Chem.*
Paasche, O. G., *Met.; Mech. & Mat.*
Parkinson, L. J., *Mining*
Parlee, N. A., *Chem.*
Pease, S. L., *Mgr.*
Perett, E. A., *Metallurgy*
Phillips, Arthur, *Metallurgy; Chemistry*
Polonis, D. H., *Met.; Phys.*
Power, H. H., *Pet.; Engr. Econ.*
Preston, F. W., *Pet. E., & Ch. Eng.*
Quier, K. E., *Heat Power; Power Plants*
Ragland, D., *Pet. Pro.; Gen. Eng.*
Ragone, D. V., *Met. E.; Chem. E.*
Ranov, T., *Machine Des.*
Raudebaugh, R. J., *Metallurgy*
Rautala, P., *P. Met. E.*
Read, T. A., *Metallurgy; Physics*
Ricketts, B. G.
Roberts, J. K., *Metallurgy*
Roebuck, I. F., Jr., *Geophysical Eng.; Pet.*
Rose, K. E., *Metallurgy; Mech.*
Rosenthal, P. C., *Met.*
Schlechten, A. W., *Metallurgy*
Schneidewind, R., *Metallurgy*
Schramm, E. F., *Econ. Geol. & Pet. Geol.*
Schuhmann, R., *Met.; Chemistry*
Shaffer, R. E., *Metallurgy*
Short, W. E., *Mechanical*
Shotts, R. Q., *Fuels; Thermo. & Power; Geol.*
Sisco, F. T., *Metallurgy; Dir.*
Smith, G. V.
Snelgrove, A. K., *Geology*
Spokes, E. M., *Metal.; Min.*
Stansbury, E. E., *Chemical; Metal.*
Stinson, J. R., *Geophys.*
Stout, K. S., *Mining Eng.*
Stout, R. D., *Mech Met. & Weld.*
Strunk, M. R., *Min. Tech.*
Swift, R. E., *Metallurgy; Ceramics*
Taber, A. P., *M. E.*
Taylor, H. F., *Metal*
Taylor, L. B., *Petroleum*
Thompson, A. J., *Metal.; Min.*
Tobias, C. A., *Metal.*
Tullis, E. L., *Geology; Physics*
Upthegrove, W. R., *Met.*
Vanderwilt, J. W., *Geol.; Mining*
Van Vlack, L. H., *Ceramic Engr.; Metallurgy*
van Wingen, N., *Petrol.*
Varney, W. R., *Metallurgy*
Vitovec, F. H., *Mech. & Mat.*
Wagner, H. A., *Metallurgy; Min. Dress.*
Weinaug, C. F., *Petrol.; Ch. E.*
Westermann, F. E., *Metallurgy; Chem. Engr*
Whiting, R. L., *Pet. Eng.*
Wichmann, A. P., *Pyromet.; Hydromet.*
Williamson, M. A., *Dean, Aero.*
Wilson, W. E., *Dn.; Mechs.*
Wing, L. A., *Geology*
Wolf, R. V., *Met.; M. E.*
Womochel, H. L., *Physical Met.; Chem.*
Wright, F. D., *Mech. & Mat.*
Wuiff, John
Yuster, S. T., *Pet.; Chem. E.*
Zmeskal, O., *Metallurgy*
Zuspan, G. W.

PHYSICS

Abele, E.
Adams, M. D.
Adashko, J. G., *Physics*
Ahonen, C. O., *Math.*
Albright, P. S.
Allen, J. S. V., *Plan Coord.*
Anderson, C. A., *Electrical*
Anderson, W.
Avil, R. D., *Electrical*
Bacher, R. F., *Math.*
Baird, H. S., *Electronics*
Banks, C. W., *Civil; Metch. & Mat.; Ret.*
Barthel, C. E., Jr., *Electronics*
Bartlett, A. A., *Res. Nuc. Phys.*
Bartunek, P. F., *Philosophy*
Baum, R. M.
Benedict, A. A.
Bennett, C. E., *Mathematics*
Benson, H. W., *Electrical*
Benton, C. E.
Bernabei, Bro. A.
Bertsch, C. V., *Mathematics*
Biedenbach, J. M., *Engr. Phys.*
Biscoe, J.
Bonner, T. W.
Borst, L. B.
Boyce, J. C., *V. P.*
Boyd, J. E., *Dir. Exp. Sta.*
Brooks, E. M., *Meteorology; Astronomy*
Brown F. L.
Brown, S. C.
Broxon, J. W., *Mathematics*
Buchta, J. W.
Burgers, J. M., *Math.*
Burnham, G. H.
Burroughs, R. E., *Dir. Research Inst.*
Capecelatro, A., *Applied Research*
Carney, Brother J. G., *Coordinator of Coop. Engr.*
Carragan, G. H.
Ciesla, M., *M. E.*
Cobine, J. D., *Electronics*
Colby, M. Y.
Colvert, William W., *Dean Eve. Div.*
Cook, R. H., *Math.*
Copeland, P. L., *Phys. Elect., Electricity*
Counts, G. A.
Cuykendall, T. R., *Applied Physics*
Dees, B. C., *Dep. Asst. Dir.*
Denham, P. R.
Dodge, H. L.
Doll, A. W., *M. E.*
Duncan, D. S., *Arch. Eng.*
Dwight, C. H., *Arch. E.*
Edward, Bro. L., *Chmn. of Engr.*
Emberson, R. M., *Gen. Engr.*
Emery, D. L., *Chemical*
Eppenstein, W., *Mathematics*

Etter, L. R., *Math.*
Fisher, J., *Math.*
Foster, E. S., *Eng. Phy.*
Fowler, R. G., *Eng. Physics*
Fox, G. W.
Frangipane, L. J., *English*
Frank, N. H.
Frey, A. R., *Electronics*
Friend, F. B.
Froslie, H. M.
Froula, H. C., Jr., *General*
Fuller, H. Q., *Math.*
Gale, G. O., *Res.*
Gilbert, W. F., *Electr.; Nuclear E.*
Gillette, E. C., Jr., *Electrical; Chem.*
Gleason, P. R., *Coord. Coop. Engr.*
Goliber, P. F., *Tech. Institute*
Granik, G.
Grantham, G. E., *Eng. Physics*
Greenbaum, B. A., *Electronics*
Guindon, W. G.
Gwinn, I. J., *Col. Registrar; Eng. Dr.*
Hall, V. B., *Mechanics*
Halsey, Hugh, *Math.*
Hammond, T. M., *Mathematics*
Harrington, H. E., *E. E.*
Harrington, M. C.
Harty, J. H.
Hatfield, T. N., *Chem.*
Haughney, L. C.
Hausmann, E., *Electrical*
Hautau, R. H., *Math.*
Hawkes, J. B., *Profess. Train.*
Heflin, S. M., *Mech.*
Heller, R., *Mathematics*
Hermes, R. M., *Appl. Mech.*
Hewitt, E. C., *E. E.*
Hilberry, N., *Dir.*
Hilton, W. A., *Civil; Surv.*
Hinman, G. W.
Hoffman, P. O., *Mechanics*
Holmes, F.
Holroyd, H. B., *Math.*
Hook, E. T., *Math.*
Horvik, E., *E. E.*
Houston, W. V., *Edu. Adm.*
Howett, M. V., *Math.*
Howey, J. H.
Hoyt, H. C.
Hurst, W., *Shop and Mechs. Arts*
Jackson, K. B., *Surveying*
Jahren, C. E., *Geop. Eng.*
Janke, R. A., *Electrical; Math.*
Jensen, E. N.
Johnson, A. J. M.
Johnson, H. J.
Johnson, L. V.
Johnston, P. K.
Judkins, R. L.
Kane, G.
Kelly, Bro. B. T., *Survey.*
Kenyon, C. D., *Survey*
Kingery, B. T., *Chem.*
Knauss, H. P.
Kovarik, A. F., *Mathematics*
Lagemann, R. T.
Lake, R. E., *Electrical*
Lambe, E. P., *Electrical, power*
Lancaster, F. W., *Chemistry; Math.*
Lansing, N. F., *Thermo. & Power; Gen.*
LaPrade, G. L., *Elec.*
Lark-Horovitz, K
Lawther, W. C., Sr., *M. E.*
Lefler, G. Q.
Lehmann, W. L., *Math.*
Leifson, S. W.
Leynes Corcuera, A. L., *Mech. & Mat.*
Lewis, L. F., *Electrical*
Libby, D. F., Jr.
Livermore, O.
Long, E. L., Jr.
Long, E. L.
Long, V. A., *Mathematics*
Longacre, W. A., *Geophysics*
Love, W., *Math.*
Loveridge, L. E., *Electronics*
Lowe, C. B., *Math.*
MacDonnell, R. B., *Mechanics*
Macropol, J., *Math.*
Mainardi, M. N., *Mech. & Mat.*
Mangan, H. A., *Chemistry*
Marsh, R. W.
Mavromatis, A.
Mayer, K. L., *Mathematics*
McCaslin, J. G.
McClure, O. E., *Power*
McIntire, S. H., *Mech.*
Menius, A. C., *Nuclear Engr.*
Michener, W. H.
Miles, V. W., *Chemistry*
Miller, I. A.
Mingins, C. R., *Math.; Electronics; Solid St. Sci.*
Monack, A. J., *Mech. & Mat.*
Moore, K. H., *General Engrg.*
Morrow, E. A., *Draw.*
Morton, R. F.
Mount, R. H.
Mullen, C. F.
Murray, R. L., *Nuclear Engineering*
Myers, F. E., *Ballistics*
Nickol, J. P.
Nielsen, P. E., *Mechanics*
O'Brien, P. F., *Electrical*
O'Connor, Rev. J. S.
Olsen, L. O.
Orens, I. P., *Edu. Adm.*
Owens, W. J., *Elec.*
Pape, F. W.
Pedrotti, L. S.
Pereira, D. A., *Electrical*
Phelps, E. R.
Piper, F. F., *Electrical*
Pipes, L. A., *Math.; Electronics*
Pohrte, T. W.
Pomeroy, G. A., *Electrical*
Porter, R. A., *Mathematics*
Possamai, R.
Potter, J. G.
Powers, P. N., *Atomic Energy*
Pratt, C. J., *Mech. & Mat.*
Price, R. M.
Railsback, O. L.
Ramberg, E. G. F., *Hydr.*
Redman, W. C., *G. E.*
Reilly, J. J.
Resnick, R., *Theoret. Phys.*
Richardson, D. E., *Communications*
Ripley, J. A.
Roberts, W. H.
Rodgers, E., *Math.*
Roediger, F. E., *Physics*
Ross, F. W., *Aero. Dynam.*
Rumble, C. A., *Math.*
Sagen, G. O., *Mathematics; Ed. Adm.*
Sauer, J. A., *Mech. & Mat.*
Scott, J. E., *Elec. & Comm.*
Sears, F. W.
Seitz, F.
Selvidge, H., *Electronics*
Sermon, T. C.
Shandley, P. D.
Sharrah, P. C.
Sheldon, H. E., *Electronics*
Shurrager, P. S., *Industrial*
Silkett, A. F., *Psychology*
Silvey, O. W., *Mathematics*
Slack, E. P., *Power & Control*
Smith, E. G., *Mech. E.*
Smith, H. H., *E. E.*
Smith, L. P., *E. Physics*
Snyder, J. N., *Dig. Comp.*
Stark, R. M., *Asst. Dn.*
Steele, K.
Sutton, R. M., *Admin. Educ.*
Taulbee, P. L., *Math.*
Taylor, R., *Mechs. & Mat.*
Taylor, T. T., *Electronics*
Thomas, C. D., *General*
Todd, F. H.
Toole, C. E.
Towfik, N. M.
Trabant, E. A., *Hd. Eng. Sci.; Nucl. E.*
Turin, J. J., *Nuclear E.*
Van Vleck, J. H., *Math.*
Warren, R., *Applied Mechs.*

Wasson, H. P.
Watson, W. W.
Webb, W., *Res.*
Weber, L. R.
Weber, R. L.
Webster, J. C., *Heat Power*
Weinberg, E. B., *Mathematics*
Weller, M. R., *Mech. & Mats.*
Weller, R. I., *E. E.*
Werts, C.
Whitaker, M. D.
White, M. W.
Whitmer, C. A.
Williams, G. L.
Williamson, R. C., *Math.*
Wilson, L. T., *Mathematics*
Wohlgemuth, R. W., *Chem.*
Wolf, E., *Civil; M. E.*
Wolfe, H. C.
Wright, W. H.
Yadoff, O., *Elec.; Civil & Math. E.*
Zamparo, J., *Math.; Nuclear Reactor Eng.*

SHOP AND MECHANIC ARTS

Adams, H. P.
Ali, M. S.
Anderson, K. O.
Anderson, R. D., *Personnel*
Armstrong, W. H., *Industrial*
Bailey, A. P., *Mat.*
Beatty, H. R., *General; Industrial*
Benedict, Otis, *Metal*
Carlson, W. W., *Mechanical*
Cashion, J. J., *Mfg. Proc.*
Cheek, F. J., *Civil*
Clute, V. G., *Engr. Graph.*
Cope, R. L., *Ind. E.*
Cushing, R. F., *Electronics*
Downs,, O. L., *Weld.*
Dunlap, E. W., *Ind. Eng.*
Emberson, R. M.
Fanning, C. L., *Industrial*
Gonser, M. E., *Mfg. Processes*
Green, B. M., *Mach. Des.*
Gyaw, B. A.
Hedinger, H. E., *Engr. Graph.; Gen.*
Hendrickson, J. R., *Nuclear Engr.*
Holmen, H. E., *Ind. Arts*
Jeffrey, W., *M. E.*
Jones, C. B., *Metal.*
Kahlert, C. G.
Kingsep, O.
Lindenmeyer, R. S., *Mfg. Proc.*
Lindley, R. W., *Gen.*
Mackin, F. L.
McCaleb, O. K., *Eng. Gr.*
McMaster, R. C., *Welding Eng.*
O'Brien, R. J., *Math.*
Parish, W. R., *Elec.; Power*
Payne, W. H., Jr.
Pohle, F. V., *Applied Math.*
Real, R. V., *Eng. Mechanics*
Relich, N., *Mathematics*
Rust, H. O.
Schlegel, E. J.
Scott, E. L., *M. E.*
Seaton, R. A.
Sellon, W. A., *Eng. Graph.*
Shockley, C. A., Jr., *Mech. & Mat.; C. E.*
Starr, C. J., *Mechanical; Mfg. Processes*
Thomassen, H. S., *Engr. Graph.*
Welch, H. E., *Graphics*
Wilson, B.
Winter, W. P., *Ind. E.*
Wittig, F. E., *Heat Power*
Zellos, D., *Industrial*

TECHNICAL INSTITUTE

Adams, H. P.
Ahuja, V. B., *Civil*
Altenderfer, H. D., *Engr. Gr.*
Baker, C. F., Jr., *Editor*
Barnes, E. M., *Elec. Power*
Basch, P. H., *M. E.*
Basile, N. K.
Bateman, R. M., *Dir.*
Bauder, F. W., *Chem.; Organic Protective Coatings*
Beatty, H. R., *Ind.*
Bendick, S. A.
Bensman, C. H., *Elec.*
Betros, L. A.
Billiet, W. E., *Coord.*
Bilterman, H. L.
Bobeck, R. E.
Bond, R. E., *Eng. Dr.*
Borkert, J. J., *Mech.; Draft.*
Brodt, E. M., *Civil. Coordinators*
Brown, D. W., *Field Dir.*
Burroughs, F. D., *Educ. Dir.*
Carter, R. J.
Chapin, L. W.
Chitwood, P. H.
Churbuck, L. M., *Aero.*
Clark, D. H.
Clements, T. E., *Human.-Soc.*
Clifford, P. C., *Struc.*
Coleman, A. P.
Counsell, A. W., *Tech. Inst.*
Coulam, J., *Agricultural Eng.*
Custer, B. O., *C. E.*
Dejaiffe, Ernest, *Eng. Graph.*
Desnoyers, H. B., *Elec. E.*
Deverse, J. L.
Dillon, J. C., *E. Ext.*
Dimasi, L. A., *Electronics*
Dobbs, F. E., *Industrial; Pers.*
Dunn, W. A., *Eng. Ext.*
DuWane, W. H.
Ebeling, P. F.
Ellingson, M.
Esher, F. N., *G. E.*
Fehlmann, A. B., Jr., *Math.*
Feldman, M. J., *Coord.*
Fibel, L. R., *Dn. Stud.*
Filson, H. R.
Fischer, F. B., *Personnel*
Flannery, F. A., *Engr. Gr.*
Foster, C. L.
Foulon, C. F., *Curric. Chm.*
Fullmer, D. M., *Engr. Gr.*
Gall, W. F., *Math.*
Gerhart, P. L., *Electrical*
Gidley, P. T., *Pres.*
Gollber, P. F., *Air Cond.; Ht., Refrig.*
Greco, C. S., *Power*
Hanneman, D. A., *E. E.*
Hannum, J. E.
Hatsopoulos, G. N.
Hautau, R. H., *Physics*
Hays, F. D.
Hazen, R. R., *E. E.*
Heath, E. B., *Power*
Hefner, R. A.
Hessler, W. G., *Engr. Dwg.*
Hoffman, L. A.
Holderman, K. L.
Hunter, K., *C. E.; E. Mech.*
Hurley, C. N., *E. E.*
Hussong, H. L., *I. E.*
Johnson, L. V.
Keating, A. E.
Kelley, J. R., *Ch. Inst.; E. E. Tech.*
Klein, R. F., *M. E.*
Knight, R. M., *Senr. Instr. Math.*
Knisley, A. W., *Eng. Graph.*
Knott, C. E.
Krauss, J. E., *Metal*
Krebsbach, V. A., *Engr. Gr.*
Kruszka, E. J.
Ladd, D. C., *Graphics*
Lampman, D. L., *E. Dr.*
Landrum, R. D., *Phys.*
Larue, F. L., Jr., *General*
Levine, M., *Math., Elec.*
Leonard, G. D., *Shop & Mech. Arts*
Libby, D. F., Jr., *Tech. Inst.*
Lincoln, R. T.
Lineback, H.
Loughran, W. H., *Chem.*

Lovan, J. E., *Elec. E.*
Lowe, J. L., *Foundry E., Metallurgy*
Lynn, R. M.
Manger, R. F., *E. E.*
Martin, J. R., *Civil*
Mason, J. W.
McBride, C. A., *Mech. & Mat.*
McCall, E. A.
McCallick, H. E.
McCarthy, J. F., *Eng.*
McCool, J. C.
McEachron, Karl B., Jr.
McEnge, W., *Shop & Mech. Arts*
McGraw, J. L., *Ind. E.*
McKay, G. C., Jr., *Ind. E.*
McKinney, J., *Shop & Mech. Arts*
Meier, E. A., *M. E.*
Meier, P. T.
Metz, D. C., *Industrial*
Mills, R. W., *Mfg. Proc.*
Morey, C. H.
Morrisey, J. A., *Elec.*
Murphy, W. J.
Neilly, V. E., *Electrical*
Novkov, D. A.
Nunn, T. R., *Human.-Social*
Oleson, K. S., *E. E.*
Orrell, D. B., *Tech. Inst.*
Ostertag, C. W., *Ind.*
Overholt, Chris A., *V. Pres. & Treas.*
Packard, W. J.
Parkhurst, I. A., *Engr. Graphics*
Parsegian, V. L., *Eng. Group. & Nuclear E.*
Partin, W., *Radio; Electr.*
Peterson, A. E., *E. E.*
Pope, G. H., *Engr. Dr.*
Pratt, D. F.
Puckett, R. B., *I. E.*
Pugarelli, S. T.
Quiett, F. T.
Ramsey, H. E.
Ramsey, L., *Exec. Vice Pres.*
Redmond, P. M.
Reid, C. T.
Relich, N., *Statistics; Math.*
Remillard, V. P., *Engr. Drwg.*
Rietzke, E. H., *Electronics*
Robson, F. B.
Rodes, H. P., *Pres.*
Rogers, W. W., *Mech. Tech.*
Rosser, H. I., *Educ. Supr.*
Rung, T. J.
Ryan, M. M., *Chemistry*
Schmidt, E. L., *Shop & Mech. Arts*
Scott, P. A.
Smart, W., *Shop & Mech. Arts*
Smith, L. F.
Soderberg, R. R., *Educ. Adviser Tech. Educ.*
Soellner, Roy O.
Staub, A. E., *Econ.*
Stoelk, H. W., *Mach. Des.*
Stoudt, T. G., *Adm. Head*
Swanson, C. A.
Taylor, L. H.
Thomas, D. B., *Math.*
Thomas, W. L., *English*
Thompson, W. H., *Ind. Elec.*
Thorogood, B. K.
Van Wyck, P. S., *Mfg. Proc.; Power*
Verrecchia, T. A., *E. E.*
Van Dyke, M. W.
Vilander, N. E., *Math.*
Wagner, E. J., *E. E.*
Warner, E. G.
Watson, E. W., *Electrical*
Werwath, H. M.
Werwath, K. O.
Wey, R. H., *E. E.*
Willson, W. H., *Speech*
Winn, C. C
Woods, W. H., *Math.*
Zacher, C. H., *Survey; Eng. Graphics*
Zimmerman, J. R., *E. Gr.*
Zwinck, C. H., *Coord. of Coop. Engr.*

TEXTILE ENGINEERING

Adams, C. L., *Ind.*
Ball, H. J., *Mechanical*
Bruce, J. P., *Pattern Making*
Finch, R. B., *Asst. Dir. Res.*
Foster, J. E., *Gen.*
Hance, L. H.
Hayward, B. W., *Engl.*
Heard, M. E., *Vice Pres. Res.*
Lydon, M. J., *Pres.*
McCarty, J. W., *Tech. Inst.*
Woldzik, A. T., *Fabrics*

SUPPLEMENTARY ADDRESSES

(Too late for Yearbook listing)

ALVERSON, ROY C., 11035 S.E. 28th Place, Bellevue, Washington.
BROOKE, W. E., 830 Keystone, River Forest, Ill.
COONS, MAYNARD A., Litton Industries, 490 Calvert Rd., College Park, Md.
DAY, DAVID A., Chairman of Civil Engineering, University of Denver, Denver, Colo.
FEGLEY, KENNETH A., 167 Highland Ave., Summerville, Mass.
FLEMING, WALTER J., JR., 140 Arcadia, Menlo Park, Calif.
HAUSRATH, A. H., III, Convair, Astronautics, San Diego, Calif.
HEAGLER, RICHARD B., Missouri School of Mines, Rolla, Mo.
HODGES, TEDDY O., 1525 G. Spartan Village, East Lansing, Mich.
JONES, EARL E. R., College of Engineering, Hanford University, Palo Alto, Calif.
KNOWLES, ASA S., President-elect, Northeastern University, Boston, Mass.
KOERNER, CARL T., 5 Bolston Drive, Verona, New Jersey.
LAMP, BENSON J., JR., 1571 E. Spartan Village, East Lansing, Mich.
LESLIE, PHILIP, 4183 45th Street, San Diego 5, Calif.
MARCO, HERBERT F., 8965 Fashion Drive, Sacramento, Calif.
MATHERS, LEWIS J., JR., 275 South Fairway, Pullman, Wash.
MILLER, RALPH B., 7506 Trevania, Pittsburgh, Pa.
MCILVAINE, W. D., The Ramo-Wooldridge Corporation, P.O. Box 45215, Airport Station, Los Angeles 45, Calif.
PATERSON, ALEXANDER, Harney Hotel, Rapid City, S. Dakota.
PATTISON, ROBERT E., 3487 Walton Way, San Jose 28, Calif.
PINGS, VERN M., Ohio Northern University, Ada, Ohio.
PLEHN, ALLAN D., Federal Electric Corporation, Dewline Division, Pramus, N. J.
RASTRELLI, LEONARD U., Applied Mechanics Dept., Research Institute, San Antonio, Tex.
SAIDLA, LEO E. A., 7 Upper Drive, Huntington, N. Y.
SCHREIBER, HERBERT F., P.O. Box 804, Gulfport, Miss.
SHANNON, SAM S., 1001 W. Main St., Durant, Okla.
SLANTZ, ROBERT D., Oakwood Trail, Tayson Lakes, R.D. 2, Butler, N. Y.
SMITH, ROBERT L., 1910 Seabrook, Topeka, Kans.
WIGHT, CHARLES L., Design Engineer, Precision Methods and Machines, a Division of Textron, Inc., Waterbury 91, Conn.

SUPPLEMENTARY LIST OF NEW MEMBERS

As of November 21, 1958

ANDERSON, DONALD R., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. Warren J. Luzadder, C. J. Rogers. C. E.

BARTEN, KENNETH S., Assistant Professor of Industrial Engineering and Director, Computing Facilities, Washington University, St. Louis 5, Mo. G. Nadler, Jay Goldman. Admr. Educ.; I. E.

BEATTIE, IRA M., Associate Professor of Civil Engineering, University of New Brunswick, Fredericton, New Brunswick, Canada. Earle O. Turner, R. H. B. McLaughlin. C. E.

BORGO, PHILIP E., Instructor in Civil Engineering, Arizona State College, Tempe, Ariz. George C. Beakley, Lee P. Thompson. C. E.

BOWLES, LEONARD W., Instructor in Electrical Engineering, University of Maine, Orono, Maine. Walter J. Creamer, Waldo M. Libbey. E. E.; Phys.

BUTLER, EARLE H., Assistant Professor of Industrial Engineering, University of Wichita, Wichita, Kan. W. O. Bernhart, H. T. Puderbaugh. I. E.

CARY, HOWARD B., Director, Hobard Brothers Technical School, Troy, Ohio. Roy B. McCauley, Robert S. Green. Admr. Educ.; T. I.

CLEMENTS, TIMOTHY E., Associate Professor of Industrial Commerce, Milwaukee School of Engineering, Milwaukee, Wis. Daniel A. Brandt, Richard J. Ungrodt. Tech. I.; Human.-Soc.

CLOUSER, WILLIAM S., Assistant Professor of Mechanics, University of Wisconsin, Madison, Wis. R. A. Ragatz, T. J. Higgins. Mech. & Mat.

CONNORS, JOHN F., Administrator, Engineering and Science Education, Industrial Relations, The Martin Co., Baltimore 3, Md. John M. Hollyday, Walter A. Kee. Admr. Indus.; M. E.

DEVEREAUX, ALFRED B., Assistant Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio. Ralph S. Paffenbarger, Chas. D. Cooper. Engr. Graphics.

EBELING, PAUL F., Teacher, Henry Ford Community College, Detroit, Mich. Robert Kollin, Jr., John H. Ringelspaugh. Tech. Inst.; Engr. Graphics.

FOWLER, HOWARD G., Assistant Professor of Industrial Management, Alabama Polytechnic Institute, Auburn, Ala. William E. Lane, William W. Morgan. I. E.

FRANTI, CHARLES E., Instructor in Mathematics, Michigan College of Mining and Technology, Houghton, Mich. Ernest R. Griff, J. M. Harrington. Math.; Human.-Soc.

GIAROLA, ATTILLO J., Instructor in Electrical Engineering, Seattle University, Seattle, Wash. Edward W. Kimbark, F. J. Smedley. E. E.; Phys.

GIBBONS, HUGH P., Assistant Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. Robert J. Williams, Herbert E. Johnson. Min. Tech.; Mech. & Mat.

GLYSSON, EUGENE A., Assistant Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. L. C. Maugh, Glenn L. Alt. C. E.

GREENFIELD, EUGENE W., Director, Division of Industrial Research, Washington State College, Pullman, Wash. H. W. Barlow, J. P. Spielman. Admr. Educ.; E. E.

GUILFORD, ALBERT A., Instructor in Civil Engineering, Tri-State College, Angola, Ind. Cecil Hauber, George A. Granger, Jr. C. E.

HALL, FORREST H., Associate Professor of Civil Engineering, University of Idaho, Moscow, Idaho. Allen S. Janssen, Chester A. Moore. C. E.; Mech.; Mat.

HITCHCOCK, JAMES E., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. C. L. Brown, E. E. Spitler. M. E.; Math.

JESSUP, BOB A., Instructor in Electrical Engineering, State University of Iowa, Iowa City, Iowa. James O. Osburn, Karl Kammermeyer. E. E.; Math.

KARPINSKI, ROBERT W., Head, Geology Department, University of Illinois in Chicago, Navy Pier, Chicago 11, Ill.

Roy Huitema, M. V. J. Dembski. Geophys. Engr.

LARSON, MAURICE A., Assistant Professor of Chemical Engineering, Iowa State College, Ames, Iowa. R. W. Fahien, D. R. Boylan. Chem. E.

MARVIN, FRANK F., Assistant Professor of Mechanics, U. S. Air Force Academy, Colorado. Archie Higdon, F. Ramon Bonanno. Engr. Graphics; Mech. & Mat.

MANGER, ROBERT F., Instructor in Electrical Technology, University of Dayton, Dayton, Ohio. Douglas A. Hanneman, Richard R. Hazen. Tech. Inst.; E. E.

MELVIN, DONALD W., Instructor in Electrical Engineering, University of New Hampshire, Durham, N. H. John B. Hraba, Alden L. Winn. E. E.; Phys.

MITCHELL, ROBERT I., Chairman of Industrial Engineering, University of Dayton, Dayton, Ohio. Raymond J. Stith, Maurice Graney. I. E.

MOSBERG, WILLIAM, Assistant Professor of Mechanical Engineering, The University of New Hampshire, Durham, New Hampshire. Russell L. Valentine, E. H. Stolworthy. M. E.

MCDONNELL, ROBERT L., Chairman of Engineering, Citrus Junior College, Glendora, Calif. C. Martin Duke, Bonham Campbell. Gen. E.; Phys.

PERRY, ROBERT H., Associate Professor of Chemical Engineering, University of Oklahoma, Norman, Okla. W. H. Carson, O. K. Crosser. Chem. E.

PINGS, VERN M., Instructor in Library, College of Engineering, University of Wisconsin, Madison 6, Wis. R. A. Ragatz, Thomas J. Higgins. Librarians; Hum.-Soc.

POLOWY, HENRY, Assistant Professor of Mathematics, Stevens Institute of Technology, Hoboken, N. J. Nicholas J. Rose, Mark R. Reeks. Math.

PRICE, JAMES T., Assistant Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. R. E. Bullock, L. Raymon Shobe. Mech. & Mat.; C. E.

RITTERSHAUS, FRED J., Assistant in Civil Engineering Department, South Dakota State College, Brookings, South Dakota. Paul L. Koepsell, John R. Andersen. C. E.; Mech. & Mat.

ROGNESS, MILTON L., Assistant Professor of Engineering Drawing, Iowa State College, Ames, Iowa. M. W. Almfeldt, James S. Rising. Engr. Graphics

SACKETT, ROSS, Editor of College Department, Charles E. Merrill Books, Inc., 1300 Alum Creek Drive, Columbus 16, Ohio. W. T. Alexander, W. Leighton Collins. Admr. Indus.; Publisher.

SELL, GEORGE R., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. C. A. Gilpin, R. A. Lindberg. M. E.

SHERWOOD, A. WILEY, Professor and Head of Aeronautical Engineering, University of Maryland, College Park, Md. F. T. Mavis, Russell B. Allen. Aero. E.

SHREVE, EWART C., Associate Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. L. Raymon Shobe, E. S. Fabian. C. E.; Mech. & Mat.

SMALL, A. L., Assistant Professor of Civil Engineering, University of Wisconsin, Madison 6, Wis. Kurt F. Wendt, W. S. Cottingham. C. E.; Arch. E.

THOMAS, FRANK A., JR., Professor and Head of Mechanical Engineering, Lamar State College of Technology, Beaumont, Texas. Robert V. Andrews, George B. Tims, Jr. M. E.

TRIPP, ARLEY, L., Teaching of Engineering, City College of San Francisco, San Francisco, Cal. H. Roy Edmison, W. K. Mayo. E. E.; Tech. Inst.

WERNECKE, ROBERT B., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison 6, Wis. R. A. Ragatz, T. J. Higgins. M. E.; I. E.

WEST, RONALD E., Assistant Professor of Chemical Engineering, University of Colorado, Boulder, Colo. Robert J. Williams, Herbert E. Johnson. Chem. E.; Chem.

WILDER, DAVID R., Associate Professor of Ceramic Engineering, Iowa State College, Ames, Iowa. C. M. Dodd, Morton Smutz. Ceramic Engr.; Chem. E.

WRIGHT, DOUGLAS T., Professor and Chairman of Civil Engineering, Water-

loo College, Waterloo, Ontario. T. L. Batke, A. R. LeFeuvre. C. E.; Mech. & Mat.

WRIGHT, ROBERT L., JR., Instructor in Mechanical Engineering, Northeastern University, Boston 15, Mass. Alfred J. Ferrett, A. V. Keating. M. E.

YOUNG, RAYMOND E., Assistant to the Dean of Engineering, Milwaukee School of Engineering, 1025 N. Milwaukee St., Milwaukee, Wis. Richard J. Ungrodt, Bill Jelinske. Admr. Educ.; E. E.

ZAHN, JOHN JOSEPH, Instructor in Mechanics, University of Wisconsin, Madison, Wis. R. A. Ragatz, T. J. Higgins. Mech. & Mat.; Math.

50 new members this list
300 members previously added this fiscal year

350 new members this fiscal year

SUMMARY OF MEMBERSHIP TOTALS, 1893-1959

	INDIVIDUAL	INSTITUTIONAL
Aug. 4, 1893	70	
Aug. 20, 1894	156	
Sept. 2, 1895	184	
Aug. 20, 1896	200 (about)	
Aug. 16, 1897	203	
Aug. 18, 1898	226	
Aug. 17, 1899	238	
July 2, 1900	249	
June 29, 1901	261	
June 27, 1902	253	
July 1, 1903	271	
Sept. 1, 1904	325	
June 28, 1905	379	
July 2, 1906	400	
July 1, 1907	415	
June 27, 1908	675	
June 24, 1909	759	
June 23, 1910	848	
June 27, 1911	1,071	
June, 1912	1,102	
June, 1913	1,158	
March, 1914	1,339	45
July 1, 1915	1,452	47
March, 1916	1,504	55
March, 1917	1,505	58
March, 1918	1,506	66
April, 1920	1,511	70
April, 1922	1,589	86
March, 1923	1,694	88
March, 1926	1,988	120
June, 1927	1,995	120
May, 1928	2,025	117
Nov., 1929	2,169	117
Nov. 1, 1930	2,192	118
Nov. 30, 1931	2,274	120
Nov. 8, 1932	2,227	121
Jan. 27, 1934	2,271	121
Jan. 1, 1935	2,453	120
Feb. 1, 1937	2,490	120
Feb. 10, 1938	2,901	136
Feb., 1939	2,929	141
Feb., 1940	3,086	147
Feb., 1941	3,220	153
Feb., 1942	3,269	157
Feb., 1943	3,426	154
Feb., 1944	3,855	160
Feb., 1945	3,787	161
Feb., 1946	3,946	165
Feb., 1947	4,463	168
Feb., 1948	5,175	168
Feb., 1949	5,697	169
Feb., 1950	6,517	175
Feb., 1951	6,795	176
Feb., 1952	6,940	198
Feb., 1953	6,875	208
Feb., 1954	7,095	272
Feb., 1955	7,560	291
Feb., 1956	7,548	287
Feb., 1957	7,490	322
Feb., 1958	8,057	346
Feb., 1959		

Individual Members	8,753
Institutional Members	366
Total Membership	9,119

ASEE REPORTS and REPRINTS

Order Form

Mail to: W. Leighton Collins, Secretary
The American Society for Engineering Education
University of Illinois
Urbana, Illinois

Please send me the publications checked:

Payment of $——— is enclosed ☐

Send invoice with publications ☐

REPORTS

A Survey of Research in the Nation's Engineering Colleges, Capabilities and Potentialities, July 1956 to June 1957 ..... $ .25

Engineering Enrollment and Faculty Requirements, 1957–67 ..... .25

Engineering and Scientific Manpower Problems, an annotated bibliography .. .25

Nuclear Energy Education Reports

No. 1. Nuclear Engineering Courses in the United States 1955 ..... .25

No. 2. Objectives and Educational Programs in Nuclear Engineering Education, 1957 ..... .25

Facilities and Opportunities for Graduate Study in Engineering ..... .25

Report on The Engineering Sciences 1956–58 ..... .25

General Education in Engineering

A report of the Humanistic-Social Research Project ..... .25

Evaluation of Engineering Education ..... .25

Manual of Graduate Study in Engineering, 1952 ..... .50

Educational Aids in Engineering 1.00

The Engineering Technician ..... .25

REPRINTS

Recruiting Practices and Procedures ..... .25

An Engineer's Library, Guide to the Profession ..... .25

Improvement of Engineering Teaching ..... .25

Report of the Committee on Recognition and Incentives for Good Teaching ... .25

Report of Committee on Engineering Education After the War ..... .25

Analysis of Education in Engineering Colleges ..... .25

Above prices are for single copies; quantity prices upon request

ASEE Lapel Button or Pin (check one) 3.00

sed ☐

ons ☐

and

... $ .25

... .25

y .. .25

.... .25

uca-

.... .25

.... .25

.... .25

.... .25

.... .25

.... .50

.... 1.00

.... .25

.... .25

.... .25

.....25

g ... .25

.... .25

.... .25

st

... 3.00